UNIVERSITY OF MASSACHUSETTS BOSTON

Division of Corporate, Continuing & Distance Education

spring 2008

- over 300 courses
- convenient times and locations
- online courses & programs
- certificate & degree programs
- corporate & professional training
- English language study

UMASS BOSTON

617.287.7900
ccde.umb.edu

CCDE Spring 2008 Academic Calendar

(Note: this calendar applies only to credit courses as listed on pages 14-40 of this bulletin.)

Registration Deadlines

Registration begins	Nov 26 (M)
Early registration deadline	Jan 15 (Tu)
Late registration begins*	Jan 16 (W)
Financial aid eligibility deadline	Feb 4 (M)
Add/Drop deadline	Feb 23 (S)
Pass/Fail deadline	Apr 10 (Th)
Withdrawal deadline	Apr 10 (Th)
Note: Self-Service Access Closes	Feb 4 (M)

*A $25 late fee will be assessed for all registrations conducted on or after this date.

Refund Schedule**

Deadline for 100% refund	Feb 16 (S)
Deadline for 50% refund	Feb 23 (S)

**For information on refund policy and procedures, see page 5 of this bulletin. NO REFUNDS WILL BE GIVEN AFTER THE 50% REFUND DEADLINE DATE.

Registration Hours - One Stop Campus Center, Upper Level

Monday-Thursday	8:30am-6:00pm
Friday	10:00am-4:00pm
Extended Hours - One Stop	
Friday, Feb 8	10:00am-6:30pm
Saturday, Feb 9, 16, 23	8:00am-4:00pm

For more information, please call 617.287.6200 or visit ccde.umb.edu

Start/End Dates

UMass Boston Campus Friday/Saturday Courses

Classes begin	Feb 8 (F); Feb 9 (S)
Classes end	May 2 (F); May 3 (S)
Makeup/Snow day	May 9 (F); May 10 (S)

Braintree Courses

Classes begin	Week of Feb 4
Classes end	Week of May 12
Makeup/Snow day	Week of May 19

Copley Courses

Classes begin	Week of Feb 4
Classes end	Week of May 12
Makeup/Snow day	Week of May 19

Cordage Park and Technical Education Courses

Classes begin	Week of Feb 4
Classes end	Week of May 12
Makeup/Snow day	Week of May 19

Online Courses

Classes begin	Week of Feb 4
Classes end	Week of May 12

Note: If a course has start/end dates that differ from those listed above, they are noted along with the descriptions and schedule information.

Final exams are held on last day of class unless otherwise indicated by the instructor.

Holidays & Vacations

President's Day	Feb 18 (M)
Vacation (Braintree, Copley)	Week of Feb 18
Evacuation Day (Boston Campus, Copley)	Mar 17 (M)
Spring Break (Boston Campus)	Mar 15-23 (Sa-Su)
Spring Break (Boston Campus, Fri/Sat courses)	Mar 21-22 (Fr-Sa)
Patriots Day	Apr 21 (M)
Vacation (Braintree, Copley)	Week of Apr 21

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All information in this publication is subject to change. For most current information, visit ccde.umb.edu.

To request an alternate-format version of this bulletin, please call 617.287.7911 (for general inquiries, please use 617.287.7900).

Corporate, Continuing and Distance Education Office

The Division of Corporate, Continuing and Distance Education office (Wheatley Hall, 2nd floor, room 203) is open throughout the year to distribute information and resolve problems. Regular office hours are: Monday through Thursday, 8:30am-6:00pm; Friday, 10:00am-4:00pm.

Contact Information

There are many people in the Division who can help you with questions about our programs, policies, and procedures. Here are some names and numbers to remember:

GENERAL INFORMATION
Reca Quarles
617.287.7900 ccde@umb.edu

REGISTRATION
Registration Info Line
617.287.6200 (for information only)

Registration Fax Line
617.287.7902

ACADEMIC ADVISING
Ed Zaleskas
617.287.7900 edward.zaleskas@umb.edu

DEGREE AND CERTIFICATE PROGRAM INFORMATION
If you have questions about CCDE degrees and certificates, please refer to the contact information listed with the program descriptions on page 42-49.

DISTANCE LEARNING
Kitty Galaitsis
617.287.7918 katharine.galaitsis@umb.edu

INTERNATIONAL PROGRAMS
Susan Griffin
617.287.7278 susan.griffin@umb.edu

FIELD STUDY & PROGRAMS ON NANTUCKET
Elaine Sullivan
617.287.7915 elaine.sullivan@umb.edu

ENGLISH LANGUAGE STUDY
Cindy Jimenez
617.287.7876 cindy.jimenez@umb.edu

CORPORATE/PROFESSIONAL TRAINING
Cindy Jimenez
617.287.7876 cindy.jimenez@umb.edu

Website

Find us online at ccde.umb.edu

Visit ccde.umb.edu and sign up for our eList – our email notification program. You will be the first to know about new programs, courses, and events.

On our site, you will also find:
- up-to-the-minute information on all courses
- extensive information about our degree & certificate programs
- more comprehensive information about our online courses, such as instructor bios
- flexible search engine capabilities including Google Search and our A-Z guide.
- downloadable forms for registration, add-drop, etc.

We encourage you to visit the site regularly.

Directions to UMass Boston

The University is only three miles from downtown Boston and is easily accessible by public or private transportation.

From the north or west: Take the Southeast Expressway to exit 15. Turn left onto Columbia Road. Enter the rotary and take the first right (Morrissey Boulevard). Bear right of the traffic island, following the UMass Boston sign. Proceed past the Boston Globe building. Turn left into the campus.

From the south: Take the Southeast Expressway to exit 14 (near the National Grid tank). Follow Morrissey Boulevard northward to the campus.

Directions to our off-campus sites can be found on pages 13-15.

Parking

For information about parking at UMass Boston, visit www.umb.edu/parking_transport/parking.html, obtain automated information at 617.287.5040, or call Customer Service at 617.287.4000.

Public Transportation

Free and frequent shuttlebus service is provided between the University and JFK/UMass Station on the MBTA Red Line. Buses following MBTA Routes 8 and 16 also stop at the University. MBTA Bus #41 stops at the JFK/UMass Boston train station, where students can then board the shuttle bus. For more information, visit www.umb.edu/parking_transport/public.html or call 617.287.5040.

IMPORTANT CHANGES IN REGISTRATION

Please Note:

Two important changes have been made to our registration procedures for Spring 2008:

- Walk-in registration service has moved to the One Stop Student Service Center on the Upper Level of the Campus Center.
- Telephone registration is no longer available.

When to Register

Students can register for spring courses starting November 26. It is advisable to register as early as possible; early registration is the best way for students to assure themselves places in the courses of their choice.

Early registration for spring courses is possible until January 15. Late registration will take place during the periods indicated in the Academic Calendar (inside front cover). Late registrations submitted between the first class meeting and the add/drop deadline (see Academic Calendar) require permission of the instructor. Students registering late must pay a $25 fee.

How to Register

RETURNING STUDENTS

If you are a matriculated UMass Boston student or have taken UMass Boston courses before, please use the WISER online self-service registration system:

wiser.umb.edu

NOTE: Matriculated UMass Boston students may be unable to use the WISER system to register for CCDE courses outside of their appointment period. In this instance, either use the CCDE shopping cart (see "Online Registration" under "New Students" below) or visit the OneStop Student Service Center, where registration staff can override the appointment date restriction.

NEW STUDENTS

If you are taking a UMass Boston course for the first time, you can use any of the following methods to register:

Online

Students registering for the first time can submit their registration online using CCDE's Shopping Cart System. Simply click the "Add Course" button found to the right of each individual course listing. Learn more about registering via our Shopping Cart by visiting ccde.umb.edu/moreinfo/registration/cart.

When your registration is processed, you will be given a user ID and password which you can then use to access WISER for future transactions.

Fax

You may fax your registration to 617.287.7902. Download registration form, complete and fax to the number above.

Mail

Registrations must be postmarked by the registration deadline for the applicable session. Registrations postmarked after the Late Registration Date will be assessed a $25 late fee. For more info on deadlines, See Academic Calendar. Downloadable registration form available on ccde.umb.edu/registration.

Mail registrations to: University of Massachusetts Boston, CCDE Registration, Registrar's Office, Campus Center, 100 Morrissey Blvd., Boston, MA 02125-3393 USA.

Walk-in

You may register in person at the One Stop Student Service Center, Upper Level, Campus Center. The One Stop is open Monday - Thursday, 8:30am-6:00pm and Friday, 10:00am-4:00pm.

Special One Stop hours for Spring 2008 are as follows: Friday, Feb. 8, 10:00am-6:30pm; Saturday, Feb. 9, 16, and 23, 8:00am-4:00pm.

BY PERMISSION OF INSTRUCTOR AND/OR DEPARTMENT

Some courses require special permission to register. These courses are appropriately marked within our website and printed bulletin. Please note that generally following the start of a course, permission of instructor is required in order to register until the Add/Drop deadline of that particular session. No registrations will be accepted after the Add/Drop Deadline.

Note: All registrations are accepted on the basis of available space.

Adding and Dropping Courses

Students may add or drop courses before the add/drop deadline (see Academic Calendar) online via WISER or in person within the registration deadlines. To add or drop a course in person, by mail or by fax, use a Change of Registration Form (available from the One Stop). If a student wishes to register for or add a course after the first class meeting, the appropriate form (Registration Form/Change of Registration Form) must be signed by the instructor(s) of the course(s) added, and returned to the One Stop before the add/drop deadline (no signature is required when a course is being dropped). To add an online course after the first day of classes, please visit our website for instructor contact information.

Cancellations

The Division reserves the right to cancel underenrolled courses. A student who has registered for a course that is canceled is eligible for a refund (for refund policy, see page 5). If all courses for which the student has registered are canceled, service fees will also be refunded.

Course Fees

Course fees are included with course descriptions. These fees are typically calculated on a per-credit basis, as follows:

Undergraduate	$229 per credit
Graduate	$320 per credit

In some cases, a course fee may be calculated differently because of special costs or a subsidy. In these cases, the fee is described as a special course fee.

Lab Fees

Lab fees must be paid for certain courses, as indicated in the schedule listings. The amounts of fees appear under course descriptions.

Service Fees

All service fees are mandatory except where otherwise noted. Service fees need only be paid once each semester.

Registration Fee (non-refundable*)	$30
Educational Service Fee	$20
Facilities Operations Fee (Note: this fee is not paid by students taking only online courses.)	$50
Records Fee (for non-matriculated students)	$6
Late Registration Fee (when applicable—see Academic Calendar, inside front cover) (non-refundable*)	$25
Returned Check Fee (when applicable)	$25

**Unless a course has been canceled by the University, the $30 Registration Fee and the $25 Late Registration Fee are not refundable.*

Combined New Student Fee

This one-time mandatory fee of $345 is paid by students entering a UMass Boston degree or certificate program (see page 42).

Payments

Students may use the following methods to make payment:

CHECK

Please make checks payable to "UMass Boston."

Payment of course and service fees with a check that is subsequently returned by our bank will result in an additional returned check fee of $25, and may also result in administrative withdrawal and referral to a collection agency, which may result in liability for the payment of a collection fee.

E-CHECK

Tuition and fees can be paid online by E-Check, or Automated Clearing House (ACH), from your checking or savings account. This type of payment results in an electronic debit of your bank account. ACH payments are not subject to a convenience fee. Bank information like routing number, account number, student ID number, and email address are required to complete an ACH payment.

CREDIT CARD

UMass Boston no longer accepts direct credit card payments for course and service fees. If you wish to pay with a credit card, you may do so through SallieMae®. MasterCard, Discover, or American Express cards can be used (Visa cards are not accepted). A service fee (2.50% at the time of this publication) will be charged by SallieMae® on each credit card transaction. Instructions and links for this payment method can be found at wiser.umb.edu.

CASH

Cash payments are made only at the Bursar's Office (Campus Center, 4th floor; M-Th, 8:00am-4:30pm, F 8:00am-4:00pm). After you have enrolled, you may make a cash payment at the Bursar's Office, where you will be given a receipt.

PAYMENT BY OUTSIDE AGENCIES

If the student's charges are to be paid by an outside agency, a payment authorization from that agency must accompany his or her registration. Students are reminded that they are liable for course and service fees in the event that the sponsoring agency does not pay them.

Refund Policy

CREDIT COURSES

A student who drops a *credit course* will be granted a refund according to the dates listed in the Academic Calendar (inside front cover). Non-attendance does not constitute dropping a course. Students dropping a course may either file a Change of Registration/Refund Request Form at the One Stop or drop the course online at wiser.umb.edu.

Note: *International and field study programs* have a different refund policy. For details, call 617.287.7913.

NON-CREDIT PROGRAMS

Refunds will be granted to registered students who withdraw from non-credit programs (pages 50-52 and TOEFL on page 55) on the following basis:

Withdrawn on or before second class meeting date:	100% refund
Withdrawn on or before third class meeting date:	50% refund

No refunds will be granted after the third class meeting date.

In the case of programs that have 5 or fewer class meetings, a 100% refund will be granted for withdrawal before the first class meeting. There will be no refunds after the first class meeting.

Note: This policy does not apply to the Alcoholism/Chemical Dependency Treatment Services Program; see program description (page 50) for more information.

REFUND PROCEDURE

Whenever a refund is due, either because the student wishing the refund has dropped a course or because the University has canceled a course, the student should initiate the refund procedure by notifying the One Stop either in person, by fax or mail. The amount of a refund is computed on the basis of the date the refund request is received by the One Stop (if the request is mailed, the refund is computed from the postmark date).

If a student has made a payment by credit card through SallieMae®, the refund will be returned as a credit to the cardholder's account. Unless a course has been canceled by the University, the $30 registration fee and the $25 late fee are not refundable. Lab fees are not refundable after the first lab meeting.

CCDE no longer mails refund checks to students. The Bursar's office sends an email to the student's UMB account, informing them that their check is available for pickup. Students have the option of requesting that their check be mailed; this request must be made in writing to the Bursar.

Note: If your University account has a balance, your refund will be applied to this balance until it is paid in full.

Course Fee Waiver Policy

The Division of Corporate, Continuing and Distance Education will accept course fee waivers for those persons meeting the eligibility requirements described below, providing the courses they wish to take are adequately supported by fees from paying students, and providing space is available.

Course fee waiver policies apply only at the standard rate of $229 per undergraduate credit and $320 per graduate credit. Thus, in the case of a course with extraordinary costs necessitating a higher than standard course fee, course fee waivers will be granted for only the amount of the standard course fee.

Registration fees, service fees, lab fees, and other mandatory fees must be paid in full.

Original course fee waivers must be submitted directly to Bursar's Office.

Qualified veterans are eligible for course fee waivers under the following conditions:

1 They must be matriculated in a UMass Boston degree program.
2 The course for which the waiver is being used must be a credit-bearing course.
3 To determine eligibility, veterans must present DD 214 (military discharge) to the UMass Boston Veterans Affairs Office located on the 4th floor of the Campus Center (tel. 617.287.5875).

Full-time state employees are eligible for a 50% course fee waiver upon submission of a properly completed "Certificate of Eligibility" at the time of registration.

Full-time employees of public higher education, their spouses, and their dependent children are eligible for a 50% course fee waiver upon submission of a properly completed "Certificate of Eligibility" at the time of registration. This benefit also applies to full-time employees of Essex Agricultural and Technical High School.

This benefit is provided only to individual state employees and other eligible persons as noted above. In the case of a state department or agency cosponsoring education for its employees, the department is directly responsible to UMass Boston for the full cost of the program.

The Division of Corporate, Continuing and Distance Education cannot honor vouchers issued to cooperating practitioners by the state-funded programs of the University of Massachusetts at Amherst, Boston, Dartmouth, Lowell, or Worcester.

Waivers may not be used for Music 185 (Private Music Lessons; see page 25) and other special courses.

Please Note: Due to changes in University policy, the Division of Corporate, Continuing and Distance Education no longer grants waivers to senior citizens.

Eligibility for Enrollment

UNDERGRADUATE COURSES

UMass Boston undergraduate credit courses are open to: 1) students who may be considering matriculation into a degree program at UMass Boston or elsewhere; 2) students matriculated at other institutions who will use UMass Boston credits to meet degree requirements at their home institutions; and 3) matriculated UMass Boston students. Anyone who has graduated from high school or who has earned a high school equivalency certificate is invited to begin or continue taking courses at UMass Boston. Please see the regulations below governing academic retention standards for matriculated and non-matriculated students.

Before registering for undergraduate courses, you should know that the University assumes that students registering for these courses will accurately assess their ability to do college-level work.

SPECIFIC CLA/CSM REQUIREMENTS

The College of Liberal Arts (CLA) and College of Science and Mathematics (CSM) recently revised the General Education portions of their graduation requirements. For complete information on these changes, we recommend that you consult the UMass Boston Spring 2008 Schedule of Courses. Information on CLA/CSM requirements is also available at www.umb.edu/academics/undergraduate/office/gened/gened.html.

Many courses described in this publication fulfill CLA and CSM *distribution requirements*, as indicated by a note following the course description that refers to the "Distribution Area"to which the course belongs. Although they are open to non-matriculated students, all of these courses meet specific requirements for CLA and CSM matriculated students. To be sure of taking distribution courses that will meet their degree requirements, all CLA and CSM matriculated students should, before registering, pick up advising materials concerning distribution requirements from the University Advising Center (Campus Center, 1st floor, room 1100; 617.287.5500).

Please note that distribution requirements for students who have matriculated in or after fall 2002 are different than for those who matriculated earlier. The older and newer requirements are referred to in course listings as "Distribution I" and "Distribution II," respectively. For more information, see the University's Spring 2008 Schedule of Courses booklet.

Courses whose numbers are followed by "G" are First-Year or Intermediate Seminars that count towards the *critical analysis requirement* of the CLA/CSM General Education curriculum.

Materials concerning the CLA/CSM *writing proficiency requirement* are available from the Core Curriculum Office (CC-2-2100; 617.287.6330).

Courses that meet the CLA/CSM *diversity requirement* are identified in a note following the course description.

GRADUATE COURSES

Before registering for graduate courses, you should know that students who have not formally been admitted into UMass Boston graduate programs may enroll in graduate courses offered through CCDE, providing they hold a bachelor's degree and meet course prerequisites. Up to six credits earned in courses taken before admission to a graduate degree or certificate program may be counted toward the requirements for that program, with the permission of the program director; however, completion of these courses does not imply admission to the program. Some courses require permission from the appropriate graduate program director(s); this is indicated in the individual course listings. If you need permission to enroll, you can learn what procedure to follow by calling the appropriate program office at one of the numbers listed below.

Applied Linguistics	617.287.5760
Applied Sociology	617.287.6252
Business Administration	617.287.7720
Computer Science	617.287.6440
Counseling	617.287.7617 or 7600
Critical and Creative Thinking	617.287.6520
Dispute Resolution	617.287.7421
Instructional Design	617.287.5980 or 7600
Public Affairs	617.287.5543
School Psychology	617.287.7602 or 7600
Special Education	617.287.7620 or 7600
Teacher Education	617.287.7625 or 7600

Prerequisites and Permission

It is the responsibility of students to meet course prerequisites. If you have any questions about whether you have met a prerequisite, you should contact the appropriate academic department or program.

Certain courses, as their descriptions indicate, cannot be taken without special permission. If you need such permission, you can learn what procedure to follow by calling the CCDE Registration Information line at 617.287.7914. Be sure that the appropriate initials appear in the "Faculty Initials" column on your registration form.

Diagnostic Testing

Diagnostic tests for English and mathematics courses are held in the Testing Center (University Advising Center, Campus Center, Upper Level, room 133). The diagnostic test in English is required only for non-native speakers. Each test takes approximately one hour to complete and results are available immediately after the exam. A photo ID is necessary to take the exam.

Tests are on a walk-in basis, during posted dates and times. There is no fee for testing. Calculators, books or notes are not allowed. Sample questions can be found at www.uac.umb.edu. For further information, please call 617.287.5522.

For Testing Center Services information and current test schedules, visit www.uac.umb.edu/testing.html.

Auditing

The auditing of certain courses is allowed for graduate students only and requires permission of the instructor; permission is granted on a space-available basis. Instructor approval may be obtained only during the first class session. A completed audit application must accompany a student's registration form; in such cases, the late registration fee will be waived. Students may not change their registration from credit to audit or from audit to credit. The auditing fee is the same as the course fee. Inquiries concerning the auditing of courses should be directed to the Division of Corporate, Continuing, and Distance Education Office, 617.287.7914.

Pass/Fail Option

Many courses may be taken on a pass/fail basis. It is the student's responsibility to decide whether doing so is appropriate for a particular course. When the student earns a Pass (P) grade, units for the course count as graduation units, but the grade has no bearing on the student's cumulative average. A Fail (F) grade affects the student's cumulative average as a regular "F" would.

The pass/fail option is limited to one course per semester and one course per summer. UMass Boston students may use the pass/fail option for a maximum of eight courses during their undergraduate careers. Graduate students may not take courses on a pass/fail basis. A course exceeding five units cannot be taken pass/fail.

A student wishing to take a course on a pass/fail basis must fill out a pass/fail form by the deadline for that session (see Academic Calendar, inside front cover) or use the University's WISER student self-service system (details on using the system will be provided to all newly registered students). Pass/fail forms are available at the One Stop. Students are advised to retain their copy of the pass/fail form.

Any student submitting two pass/fail forms in one semester will not be allowed to take either course on a pass/fail basis. A pass/fail form, once submitted, cannot be withdrawn after the pass/fail deadline (see Academic Calendar, inside front cover).

Before exercising the pass/fail option, students from other institutions should consult an advisor or check their institutional or departmental requirements concerning transfer credit.

Withdrawing from Courses

Any student withdrawing from a course after the add/drop deadline will receive a grade of "W" for that course. Withdrawal forms are available at the One Stop; students may also withdraw from a course using the WISER student self-service system (wiser.umb.edu). A student withdrawing from a course does not receive a refund. Failure to submit a withdrawal form before 6:00pm on the day of the withdrawal period deadline (see Academic Calendar, inside front cover) will result in a grade of "F". Non-attendance does not constitute withdrawal.

Academic Standing - Undergraduate

Students must maintain a required 2.00 cumulative average.

Academic Warning. A student whose cumulative average falls between 2.0 and the required minimum will receive a warning, printed in an obvious place on the grade report. A description of retention standards will be included with the grade report.

Academic Probation. At the end of the first semester in which a student does not meet the required minimum cumulative average, he or she will be placed on probation. A letter will be sent with the grade report informing the student of his or her probationary status and strongly urging consultation with the student's advisor to review the forthcoming semester's program. While on academic probation, a student shall not be eligible to hold office in any recognized student organization, to represent the University in any sense on or off campus, or to participate in any intercollegiate athletic teams.

Academic Suspension. The student who does not meet the required minimum cumulative average for the second semester will be suspended for one semester. The student may apply for readmission through the appropriate authority. The readmitting body may set conditions on the student's schedule and shall set standards for retention. A student who has achieved a semester average of at least 2.0 for the semester immediately preceding suspension may appeal for an additional probationary period. The appeal authority may set conditions for granting the appeal. If the student does not meet the conditions, suspension will automatically follow.

Academic Dismissal. A student who, subsequent to suspension and readmission, does not meet the retention standards set by the readmitting body shall be dismissed. A student who has been dismissed may appeal for readmission after one year. A student who is suspended or dismissed may not enroll as a non-degree student and may not take continuing education or summer session courses. Any student who is not mailed a notice of suspension or dismissal before the beginning of a semester will be allowed to complete that semester.

Transfer Credit

Students from institutions other than UMass Boston (including other institutions in the University of Massachusetts system) who wish to transfer credits earned in CCDE credit courses should contact their college or university concerning specific transfer requirements.

UMass Boston units are treated as transfer credits at UMass Amherst. Students must earn a grade of "C-" or better to transfer the course. Letter grades earned at UMass Boston will not be used in grade point average calculations and the credit will not be counted as residence credit.

Most institutions require a student to obtain authorization in advance for each CCDE credit course in which the student wishes to enroll for transfer credit.

Transcripts

Requests for official transcripts must be submitted in writing to the Office of the Registrar, University of Massachusetts, 100 Morrissey Blvd, Boston, MA 02125. Students may present their written requests in person at the One Stop, Upper Level Campus Center, by fax at 617.287.6242, by mail, or by using the WISER system (www.wiser.umb.edu).

ID Cards

ID cards may be obtained through the Student Life Office (Campus Center, 3rd floor) Monday through Thursday, 9:00am-7:00pm. Friday, 9:00am-5:00pm. The office will be open for extended hours during the first two weeks of the semester and on the first few Saturdays of the semester. Please call for these extended hours. Students must present a valid driver's license, passport, or other official form of photo identification when requesting ID cards. Those students who do not possess a valid form of photo identification can call the ID office at 617.287.7957 to get a list of acceptable alternate forms of identification. The charge is $10 for the first card (cash or money order; no personal checks) and $15 for a replacement card.

Note: Students taking off-campus and weekend courses receive a special ID card. This card permits the holder to use the facilities of the Healey Library, but it does not provide access to the University's athletic facilities, health services, or fee-supported student activities.

Public Safety

The UMass Boston Public Safety Department is charged with the responsibility of helping to provide a safe and secure environment in which faculty, students, and staff will be able to teach, learn, and work. The Department's Administrative Office and Communications Center are located on the Plaza Level of the Quinn Administration Building. The main number for the Public Safety Office is 617.287.7799. Routine service requests for police and security services can be made on 617.287.7799, 7.7780, and 7.7781. For all emergencies on campus, dial 911.

Emergency Cancellations of Classes

When classes and activities held at the UMass Boston campus are canceled because of snow or other emergencies, the University will announce cancellations beginning at 6:00am. The University main telephone line, 617.287.5000, will carry a taped announcement when the University is closed or opening late. The bulletin board at UMass Boston's web site (www.umb.edu) will contain weather announcements. Radio stations WUMB-FM (91.9), WBZ-AM (1030), and WRKO-AM (680), and television stations WBZ-TV (Channel 4), WCVB-TV (Channel 5), and WHDH-TV (Channel 7) will also carry cancellation announcements 6:00-7:00am, Monday through Saturday. Decisions about cancellations at off-campus sites are made by the local facility, not by the University. Students taking classes at off-campus sites should listen for radio announcements concerning the closing of those locations.

Bookstore

Books for all credit courses offered on or off campus may be purchased in the Campus Center, UL (Upper Level). The bookstore is open Monday through Thursday, 8:30am-6:30pm; Friday, 8:30am-4:30pm. Hours will be extended for the first three weeks of the semester. For more information, call 617.287.5090. Books may also be purchased online at www.efollett.com

Library

The Joseph P. Healey Library contains approximately 500,000 volumes and currently subscribes to more than 3,700 popular and scholarly periodicals. The library is centrally located on the UMass Boston campus plaza, easily accessible from the catwalk that connects all buildings on campus. The Healey Library's regular hours are as follows: Monday through Thursday, 8:00am-11:00pm; Friday, 8:00am-7:00pm; Saturday 9:00am-5:00pm; Sunday, 11:00am-7:00pm. These hours may vary during holidays, intersessions, and vacations; for current hours, please call 617.287.5903. For further library information, call 617.287.5902.

For information on access to library resources for online students, visit ccde.umb.edu/dl and click on "Frequently Asked Questions."

Academic Advising and Career Counseling

University Advising Center, Campus Center, 1st floor, 617.287.5500. Monday through Thursday, 8:30am-6:00pm, Friday, 8:30am-5:00pm (walk-in services available; please call for an updated schedule.) Academic advising is also available during the day or evening, by appointment, at the CCDE office. For more information, call Ed Zaleskas at 617.287.7900 or email edward.zaleskas@umb.edu.

Cafeteria

Food service is available to Friday and Saturday students at the Atrium Cafe (UL, Campus Center) Friday 8:00am-6:00pm, Saturday 8:00am-2:00pm.

Ross Center for Disability Services

Campus Center, 2nd floor, 617.287.7430; Monday through Friday 8:30am-5:00pm; other hours by arrangement. The Lillian Semper Ross Center for Disability Services provides a full range of support services including: note taking, reading on tape, interpreting for students who are deaf, administering exams with accommodation to disability, counseling, and more. All students with disabilities and the entire University community are welcome to visit and inquire about our many services and resources.

Veterans Services

Campus Center, 4th floor, M-F 8:30am-5:00pm Assistance is available to veterans in obtaining their educational benefits and resolving related problems.

UMass Boston Campus Map

UMass Boston Campus

100 Morrissey Boulevard

DIRECTIONS:

For directions to the UMass Boston campus, see page 2.

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ART 100	The Language of Art	16
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ART 281	Drawing I	16
BIOL 108	Introduction to Nutrition	17
COMSTU 105	Oral Communication	17
CRMJUS 321L	Race and Ethnic Relations	18
CRMJUS 368L	Alcoholism: Etiology and Epidemiology	18
CRMJUS 467L	The Sociology of Law	18
EEOS 101	The Global Environment	21
ENGL 101	Freshman English I	20
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ENGL 201	Five British Writers	20
FRENCH 102	Elementary French II	21
HIST 112	Modern Western Civilization	22
LING 152	Elementary American Sign Language II	23
MATH 115	College Algebra	24
MATH 125	Introductory Statistics	24
MATH 130	Precalculus	25
MATH 134	Managerial Algebra and Calculus	25
MUSIC 111	An Introduction to Music	25
MUSIC 185A	Private Music Lessons	25
PHIL 100	Introduction to Philosophy	26
PHIL 108	Moral and Social Problems	27
PHIL 222	Moral Issues in Medicine	27
POLSCI 102	Government and Politics of the United States	27
POLSCI 202	Comparative Politics of Transitional Societies	27
POLSCI 377	Globalization and Social Movements	28
PSYCH 100	Introductory Psychology	28
PSYCH 201	Introduction to Behavioral Research	28
PSYCH 234	Psychology of Cross-Cultural Relations	29
PSYCH 342	Adolescence	29
PSYCH 350	Learning and Memory	29
PSYCH 360	Behavioral Neurscience	29
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Andover

Greater Lawrence Regional Vocational High School
57 River Road

DIRECTIONS:
I-93 to Exit 45, left onto River Rd.

UNDERGRADUATE CREDIT COURSES

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Braintree

Braintree High School, 128 Town Road

DIRECTIONS:
I-93 to Exit 6 (Route 37), merge onto Granite St., left on Town Road.

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Copley Square, Boston

Muriel S. Snowden International School, 150 Newbury Street

DIRECTIONS:
At corner of Newbury and Dartmouth Streets, Back Bay, Boston. MBTA: Take Green Line to Copley station, one block north on Dartmouth Street to Newbury Street.

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Franklin

Tri-County Regional Vocational Technical High School
147 Pond St.

DIRECTIONS:

I-495 to Exit 11A, Rt. 140 S. to Exit 17, left on Old West Central St., becomes Pond St.

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New Bedford

Greater New Bedford Regional Vocational High School
1121 Ashley Boulevard

DIRECTIONS:

Rt. 24 to exit 12, south on Rt. 140, exit 6 to Rt. 18 (Ashley Blvd).

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Online Courses

For information about UMass Boston's online courses and programs, see page 41.

Online courses are marked in the following pages with the symbol at left.

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Plymouth

Cordage Commerce Center, 36 Cordage Park Circle, Suite #201

DIRECTIONS:

Rte. 3 to Exit 9 (Kingston/N. Plymouth), left onto Main St. (Rte. 3A), Main St. becomes Court St., follow to Cordage Commerce Center.

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Wakefield

Northeast Metropolitan Regional Vocational High School
100 Hemlock Road

DIRECTIONS:

Rte 1 north to Main St. (Melrose/Stoneham) exit, merge onto Main St., Main St. becomes Farm St., right onto Hemlock Rd.

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IF YOU HAVE QUESTIONS...

...about your eligibility to enroll in CCDE courses, or about College of Liberal Arts (CLA) and College of Science & Mathematics (CSM) distribution and diversity requirements, turn to page 6, "Academic Information."

UPDATED DISTRIBUTION REQUIREMENT CODES...

Use the following chart to match codes in the course descriptions to full distribution name:

Distribution I Area:

A	The Arts
H	Historical and Cultural Studies
P	Philosophical and Humanistic Studies
S	Social and Behavioral Sciences
N	Natural Sciences
M	Mathematics and Computer Science
F	Foreign Languages

Distribution II Area:

AR	Arts
HU	Humanities
MT	Mathematics
NS	Natural Sciences
SB	Social and Behavioral Sciences
WC	World Cultures
WL	World Languages

UNDERGRADUATE COURSES:

Accounting & Finance

PERSONAL FINANCE **AF 201**

Introduces students to planning and managing personal and family finances. Topics include financial planning and budgeting, banking and borrowing, making major purchases like a home or car, insuring against risk, investing, and tax, retirement and estate planning. This course cannot be counted toward the finance or accounting concentrations of the College of Management.
3 Credits, Course fee: $687

COPLEY
W 6:00-9:00pm
Class No 6398

ONLINE
Special course fee: $850
Class No 6399

FINANCIAL ACCOUNTING **AF 210**

Presents the theory and techniques of financial accounting. The course encompasses the basic functions of collecting, processing, and reporting accounting information for interested third parties (e.g., owners, investors, and government) and enables students to analyze, interpret, and use accounting information effectively.
Prerequisite: 30 credits.
3 Credits, Course fee: $687

COPLEY
Th 6:00-9:00pm
Class No 6400

MANAGERIAL ACCOUNTING **AF 211**

Presents the theory and technique of managerial accounting, from the particular perspective of the manager. The course covers the identification and analysis of the behavior of costs within the organization, and illustrates how managers use such knowledge for planning and control. Major topics include responsibility accounting, comprehensive and cash budgeting, standard job order and process cost systems, cost-volume-profit analysis, cost allocation, activity-based costing, standard costs, and variance analysis.
Prerequisite: AF 210 and 30 credits.
3 Credits, Course fee: $687

COPLEY
Tu 6:00-9:00pm
Class No 6401

Africana Studies

INTRODUCTION TO AFRICANA STUDIES **AFRSTY 101**

This course presents an overview of the major theories in the field of Africana studies. It seeks to explore the Africana experience in a way that is orderly, systematic, and structurally integrated; and to convey an understanding of the cultural, historical, and political roots of this experience. The course focuses chronologically on major historical episodes through a study of ancient African civilizations, slavery, colonialism, and African liberation movements.
Distribution I Area: H
Distribution II Area: WC
Diversity Area: International.
3 Credits, Course fee: $687

COPLEY
Th 6:00-9:00pm
Class No 1002

American Studies

POPULAR CULTURE IN AMERICA **AMST 101**

This course introduces students to the varieties of popular culture in America, including popular literature, live entertainment, radio, movies, and television. In-depth case studies of such particular forms of popular culture as humor and music are included. In class viewing and listening accompany case studies.
Distribution I Area: H
Distribution II Area: HU
3 Credits, Course fee: $687

COPLEY
Tu 6:00-9:00pm
Class No 10627

THE SIXTIES **AMST 206**

The course focuses on protest and the role of youth. Who protested and why? Was the phenomenon of the sixties an aberration or part of a larger radical tradition in America? What was the impact on the seventies? Readings are drawn from the works of participants in the student, black, feminist, and peace protest movements, from the intellectuals who defended and attacked them, and from the growing body of retrospective, analytic, and historical literature which attempts to explain what really happened in that tumultuous decade.
Distribution I Area: H
Distribution II Area: HU
Diversity Area: United States.
3 Credits, Course fee: $687

BOSTON CAMPUS
S 8:15-11:15am, W-1-019
Class No 1003

AMERICA ON FILM **AMST 215**

This course focuses on the flowering of American cinema through decades of social, political, and cultural change. It examines both classic representations of "The American Experience" and films which challenge such classic representations. The relations between film and other arts, and between film, history, and ideology, are an ongoing concern.
Prerequisite: ENGL 102.
Distribution I Area: H
Distribution II Area: AR
Diversity Area: United States.
3 Credits, Course fee: $687

BOSTON CAMPUS
S 11:45am-2:45pm, W-1-019
Class No 1004

Anthropology

INTRODUCTION TO BIOLOGICAL ANTHROPOLOGY **ANTH 105**

The study of human biological evolution and human population variation. This course introduces the history, theory, and methods of research in biological anthropology through lectures and hands-on exercises. Major topics include: geological time, classification, and the place of humans in the animal world; evidence for primate and human evolution; evolutionary theory and genetics; and discussion of the evolutionary forces involved in producing human population variation. This course addresses, in assignments and during class time, the following general education capabilities: critical thinking; using technology to further learning; quantitative reasoning; collaborative work; and effective communication.
Distribution I Area: N
Distribution II Area: NS
3 Credits, Course fee: $687

BOSTON CAMPUS
S 3:15-6:15pm, W-1-019
Class No 1005

INTRODUCTION TO CULTURAL ANTHROPOLOGY **ANTH 106**

An introduction to the anthropological study of cultures, based on ethnographic descriptions and analyses of tribal, developing, and modern state societies. The course explores a variety of concepts and approaches to the study of culture, and participants acquire experience in critical reading, critical thinking, and analytic writing.
Distribution I Area: S
Distribution II Area: SB
3 Credits, Course fee: $687

COPLEY
W 6:00-9:00pm
Class No 5736

INTRODUCTION TO ARCHAEOLOGY **ANTH 107**

The study of the past through scientific analysis of the traces left behind by humans. This course introduces the history, theory, and methods of archaeological research through lectures and hands-on projects. Archaeological data are then used to examine such major transformations of human cultural evolution as the domestication of plants and animals and the origins of complex civilizations. Students prepare a paper suitable for the Writing Proficiency Requirement Portfolio. Students who have taken ANTH 102 may not receive credit for ANTH 107.
Distribution I Area: N
Distribution II Area: SB
3 Credits, Special course fee: $850

ONLINE COURSE
ONLINE
Class No 1006

PEOPLES AND CULTURES OF THE MIDDLE EAST **ANTH 271**

An examination of historical and sociopolitical forces in the formation of the contemporary Middle East; the cultural, ethnic, and economic diversity of modern nation-states in this region; neo-colonialism and imperialism as persisting obstacles to development and progress in this part of the world; and the role of Islam in reformist and revolutionary movements.

Distribution I Area: H
Diversity Area: International.
3 Credits, Course fee: $687

BOSTON CAMPUS
S 11:45am-2:45pm, W-1-045
Class No 1007

PEOPLES AND CULTURES OF AFRICA **ANTH 272**

An in-depth study of selected African societies, examining traditional institutions, the colonial situation, and modernization.

Distribution I Area: H
Distribution II Area: WC
Diversity Area: International.
3 Credits, Special course fee: $850

ONLINE COURSE
ONLINE
Class No 6406

SOCIAL AND CULTURAL PERSPECTIVES ON WITCHCRAFT AND SORCERY **ANTH 367**

Beliefs about people with extraordinary powers to cause harm or good are found in societies of different types and in different periods in history. This course examines such beliefs in a number of different cultural, geographical, and historical contexts in order to demonstrate ways in which anthropologists and other social scientists approach the more general problem of understanding the function of belief systems in human society. The course does not teach techniques of witchcraft or sorcery.

Prerequisites: ANTH C100, or 103, or 106 or permission of instructor.
Distribution II Area: WC
3 credits, Special course fee: $850

ONLINE COURSE
ONLINE
Class No 13053

Art

THE LANGUAGE OF ART **ART 100**

The course teaches students to begin to understand the processes of artistic creation. It enables the student to grasp the expressive content of works of art in a wide variety of media and to analyze how the artist creates his/her effect. It is not an historical survey. Through lectures, discussions, field trips, and museum visits, the student studies paintings, sculptures, and buildings; examples are chosen as often as possible from the Boston area. The course addresses such concepts as hierarchies, elements of composition, rhythm, symmetry, space, and the possibilities of differing interpretations of subject matter. It offers a solid introduction to the arts by developing the student's ability to see and analyze forms as the result of aesthetic and interpretive decisions.

Distribution I Area: A
Distribution II Area: AR
3 Credits, Course fee: $687

BOSTON CAMPUS
S 8:15-11:15am, M-3-430
Class No 6408

RENAISSANCE TO MODERN ART **ART 102**

An historical survey of Western art and architecture from the fifteenth century to the twentieth century. The course deals with different aspects of the art of the Renaissance in Italy and the North, the Baroque and Rococo, Neoclassicism and Romanticism, Realism and Impressionism, and Post-Impressionism.

Distribution I Area: A
Distribution II Area: AR
3 Credits, Course fee: $687

BOSTON CAMPUS
S 12:00-3:00pm, M-3-430
Class No 11411

DRAWING I **ART 281**

A comprehensive introduction to basic materials and techniques, with emphasis on drawing as a primary means for the description and interpretation of people and their environment. Problems in still life, landscape, and life drawing. Fundamentals of visual language are also addressed.

Distribution I Area: A
Distribution II Area: AR
3 Credits, Course fee: $687, Lab fee: $20

BOSTON CAMPUS
S 12:00-4:30pm, H-8-009
Class No 1009

Biology

THE BASIS OF LIFE **BIOL 101**

The uniqueness of life within the physical universe. The matter and energy of life, the genetic code, molecular biology, and the origin and evolution of life. An overview for students in the humanities and social sciences of those features which distinguish living organisms from non-living things. No background in the natural sciences is required.
Distribution I Area: N
Distribution II Area: NS
3 Credits, Special course fee: $850

ONLINE COURSE
ONLINE
Class No 1010

INTRODUCTION TO NUTRITION **BIOL 108**

Introduction to the elements of nutrition with emphasis on nutrition for humans; examination of food stuffs and nutritional quality, physiology of food utilization, food quality regulations, and the global ecology of food production. No background in the natural sciences is required.
Distribution I Area: N
Distribution II Area: NS
3 Credits, Course fee: $687

BOSTON CAMPUS
S 3:15-6:15pm, W-1-044
Class No 1012

COPLEY
W 6:00-9:00pm
Class No 1011

GENERAL BIOLOGY II **BIOL 112**

An integrated course stressing the principles of biology. Life processes are examined primarily at the organismal and population levels. Intended for students majoring in biology or for non-majors who wish to take advanced biology courses.
Prerequisite: BIOL 111.
Distribution I Area: N
Distribution II Area: NS
4 Credits, Course fee: $916, Lab fee: $75.00

BRAINTREE
MW 6:30-9:30pm
Class No 1013

Classics

CITIES OF VESUVIUS: POMPEII AND HERCULANEUM **CLSICS 278**

A survey of the art, architecture and social history of Pompeii and Herculaneum, the cities destroyed by the volcanic eruption of Vesuvius on August 24, AD 79.
Distribution II Area: WC
3 Credits, Special course fee: $850

ONLINE COURSE
ONLINE
Class No 10628

HEROES, WARS AND QUESTS **CLSICS 383**

The Iliad and Odyssey of Homer, the Aeneid of Virgil; intensive study of the background, meaning, and influence of ancient epic poetry, with some attention to minor ancient epics and developments of epic poetry in later periods.
Distribution II Area: AR
3 Credits, Special course fee: $850

ONLINE COURSE
ONLINE
By arrangement
Class No 11409

Communication Studies

INTRODUCTION TO COMMUNICATION **COMSTU 100**

This course is designed to provide an introductory survey of the study of communication. The course begins with a general history of the evolution of human communication, and goes on to examine such areas as definitions, models, and basic concepts in communication; the range of verbal and non-verbal codes, and their complex interrelations in the message systems of modern electronic media; and various communication contexts, with emphasis on the structure and function of interpersonal communication and mass communication, particularly broadcast and cable television.
Distribution I Area: S
Distribution II Area: SB
3 Credits, Special course fee: $850

ONLINE COURSE
ONLINE
Class No 6621

ORAL COMMUNICATION **COMSTU 105**

The course focuses on improvement of interpersonal, small group, and public communications skills. Through readings, journals, class discussions and activities, we explore the following: self-concept and perception, listening and responding, language and non-verbal behaviors, interviewing, problem-solving and decision-making, formal elements of speech-making, the evaluation of one's own and others' public messages.
Distribution I Area: S
3 Credits, Course fee: $687

BOSTON CAMPUS
S 11:45-2:45pm, W-2-126
Class No 1014

USING INTERNET COMMUNICATION **COMSTU 210**

Using Internet communications enhances students' theoretical understanding of electronic communication and their ability to communicate as professionals, scholars, and citizens using the Internet. Participants learn core communication theoretical models and principles, and apply them to electronic communication methodologies that enhance interpersonal, small group, and public interactions. These methodologies include electronic meetings, discussion forums, co-authoring tools, audio, and video.
Distribution I Area: S
3 Credits, Special course fee: $850

ONLINE COURSE
ONLINE
Class No 1015

INFORMATION TECHNOLOGY AND HUMAN COMMUNICATION **COMSTU 300**

This course examines the relationship between information technology and human communication. Readings, discussion, assignments and projects address IT's potential to enhance and constrain communication; its role in the promotion or dissolution of community; its implications for social policy; its place among other media; and many more issues for which IT, particularly cyber-technology, is a lightning rod.
Distribution II Area: SB
3 Credits, Special course fee: $850

ONLINE
Class No 11440

Criminal Justice

CRIMINOLOGY **CRMJUS 262L**

A general survey and analysis of adult crime. Attention to historical development of criminological thought, societal reaction to crime, and behavioral systems. Emphasis on theories of criminality and issues in the administration of justice by police and courts.
Prerequisite: SOCIOL 101.
Distribution I Area: S
Distribution II Area: SB
3 Credits, Course fee: $687

COPLEY
Th 6:00-9:00pm
Class No 11430

RACE AND ETHNIC RELATIONS **CRMJUS 321L**

An examination of racial and ethnic relations in contemporary society, including the history and sociology of the immigration experience, bilingual education, the nature and character of discrimination, neighborhood change, and racial and ethnic conflict.
Prerequisite: SOCIOL 101.
Distribution II Area: SB
Diversity Area: United States.
3 Credits, Course fee: $687

BOSTON CAMPUS
F 2:30-5:30pm, W-2-198
Class No 1018

METHODS OF SOCIOLOGICAL RESEARCH **CRMJUS 351L**

Design of sociological research and methods of inquiry. Organization and analysis of data, development of research projects.
Prerequisites: SOCIOL 101.
3 Credits, Course fee: $687

COPLEY
Tu 6:00-9:00pm
Class No 1019

CORRECTIONS **CRMJUS 363L**

Prisons, jails, parole, and probation. Attention to inmate social structure, and philosophy underlying the correctional system and modern
treatment approaches.
Prerequisite: SOCIOL 101.
3 Credits, Course fee: $687

BRAINTREE
Th 6:30-9:30pm
Class No 1020

ALCOHOLISM: ETIOLOGY AND EPIDEMIOLOGY CRMJUS 368L

An in-depth interdisciplinary analysis of the nature, causes and extent of alcoholism and problem drinking. Analysis of drinking patterns and drinking problems cross-culturally and among subgroups in the population such as women, prison inmates, the elderly, and homeless people.
Prerequisite: SOCIOL 101.
3 Credits, Course fee: $687

BOSTON CAMPUS
S 3:15-6:15pm, W-1-046
Class No 1021

INTERNSHIP IN LAW AND CRIMINAL JUSTICE **CRMJUS 461L**

This course provides an historical and sociological analysis of our state and federal court systems, and considers such issues as the rights of indigent defendants, the bail system, right to counsel, and the adversary nature of some proceedings. In addition to classroom work, students undertake supervised field placements in probation offices, parole boards, district attorneys' offices, and correctional programs.
Prerequisite: SOCIOL 101. By permission of department.
6 Credits, Course fee: $1374

COPLEY
M 6:00-9:00pm
Class No 11432

THE SOCIOLOGY OF LAW **CRMJUS 467L**

A general analysis of the social origins and consequences of law and legal process; special emphasis on law as a method of conflict resolution
and as a social control structure, and on law and social change. Attention also given to law in other societies, including non-literate societies, to the evolution and development of legal structures, and to patterns of due process and criminal law.
Prerequisites: SOCIOL 101.
3 Credits, Course fee: $687

BOSTON CAMPUS
S 11:45am-1:45pm, W-1-009
Class No 1022

Critical Reading & Writing

PROFICIENCY IN ANALYTIC WRITING **CRW 283**

This course is for students who have had repeated difficulty completing the writing proficiency requirement. The course explores a broad theme or topic, reading texts drawn from different disciplines. The course functions as an intensive writing workshop, providing instruction and practice in critical reading, writing, and thinking. Students must develop three critical papers, based on multiple readings, that form the basis of a writing proficiency portfolio. A conference with the director of the writing proficiency requirement is mandatory before registering. Course enrollment is limited to 15 students.

3 Credits, Special course fee: $850

ONLINE
Class No 11305

Early Childhood Education

DEVELOPMENTAL CHARACTERISTICS OF ALL YOUNG LEARNERS **ECHD 411**

Examine the span of physical, cognitive, social, emotional, and moral development of children from Birth through Second Grade and the implications for instruction, and curriculum in various educational settings. Review brain research findings and the significance for leaner differences. Understand the concepts and the appropriate language used to convey those concepts. Discuss the implications for development within the socio-cultural and political context, along with the consequences of medical and health access. Prepracticum experiences will include observations in medical settings, early intervention and home and group educational facilities.

Prerequisite: By permission of department.

3 credits, Special course fee: $850

ONLINE
Class No 13204

East Asian Studies

MODERN JAPAN **EASIAN 363L**

A historical survey of economic, social, political and cultural developments in Japan from 1800 to the present, special consideration of economic and foreign policy problems.

Diversity Area: International.

3 Credits, Special course fee: $850

ONLINE
Class No 11434

Economics

INTRODUCTION TO MICROECONOMICS **ECON 101**

A broad introductory survey in which special attention is given to the role of economic principles in analyzing and understanding current economic problems. Emphasis is placed on the functioning of markets and on examining the behavior of individual economic units such as the business firm and the consumer (microeconomics). Other areas of emphasis vary from section to section and may include industrial organization, income distribution, international trade, economics of the environment, and other topics.

Prerequisite: MATH 114Q or 115 or equivalent.

Distribution I Area: S

Distribution II Area: SB

3 Credits, Course fee: $687

COPLEY
Tu 6:00-9:00pm
Class No 1025

ONLINE
Special course fee: $850
Class No 1026

INTRODUCTION TO MACROECONOMICS **ECON 102**

A broad introductory survey in which special attention is given to the role of economic principles in analyzing and understanding current economic problems. Emphasis is placed on examining the overall functioning of the economy and on dealing with such matters as unemployment, inflation and recession. Other areas of emphasis vary from section to section and may include economics of government spending and taxation, economic development, alternative economic systems, and other topics.

Prerequisite: MATH 114Q or 115 or equivalent.

Distribution I Area: S

Distribution II Area: SB

3 Credits, Course fee: $687

COPLEY
Th 6:00-9:00pm
Class No 1027

ONLINE
Special course fee: $850
Class No 1028

English

Note: ENGL 101 and 102 are prerequisites for all English courses above the 100 level. For non-majors, one 200-level English course is prerequisite for all 300- and 400-level English courses. These requirements may be modified or waived for certain courses: see the following course descriptions for such changes. The student who is strongly motivated to take a course for which he or she has not satisfied the prerequisites should contact the instructor for advice and permission.

Students whose first language is not English and who have not previously completed a UMass Boston English or ESL credit course must take a writing placement test before registering for any English or ESL course. For further information, see page 6 ("Diagnostic Testing").

FRESHMAN ENGLISH I **ENGL 101**

English 101 is an introductory course in critical reading and writing that prepares students for working with the complex texts and ideas they will find in their college studies. English 101 teaches students to discover and shape their own perspectives in dialogue with challenging readings. Through carefully sequenced assignments, students are guided through various processes for constructing academic essays that may include journal writing, glossing texts, discussing student papers in class, peer reviewing, and especially revising. Readings and materials vary from section to section.
3 Credits, Course fee: $687

BOSTON CAMPUS	COPLEY
S 11:45am-2:45pm, W-2-127	TuTh 7:30-9:00pm
Class No 1030	Class No 1029

FRESHMAN ENGLISH II **ENGL 102**

If English is not your first language, you may be placed into 102E, a course devoted to ESL students. This course, designed for non-native speakers of English, parallels 102 and meets the same graduation requirement. The following description therefore applies as well to 102E. Freshman English 102 is a more advanced course in critical reading and writing than 101; it is intended to help students prepare for their upper-level courses and the Writing Proficiency Requirement. Through sequenced assignments, students learn to sustain inquiries on particular themes or issues and to treat subjects from different perspectives, including their own. Through frequent reading and writing assignments, students learn to analyze the structures of essays and arguments so they are able to develop informed responses to them. As in 101, drafting and redrafting are emphasized. One of the course papers will be a researched essay that builds on course themes and issues.
Prerequisite: ENGL 101; Degree Students Only.
3 Credits, Course fee: $687

BOSTON CAMPUS	COPLEY
S 3:15-6:15pm, W-2-124	TuTh 6:00-7:30pm
Class No 1032	Class No 1031

FIVE BRITISH WRITERS **ENGL 201**

Representative works by five of the most important writers from the fourteenth to the nineteenth century, studied as introductions to philosophical and humanistic studies, explored as reflecting and shaping the leading ideas, assumptions, and values of their ages. Works by Chaucer, Shakespeare, and other authors such as Milton, Swift, and Austen, with films and background lectures on the philosophical and historical contexts of the works and their authors. Instruction in analytical reading and writing is provided.
Prerequisites: See note at beginning of English section. ENGL 101.
Distribution I Area: P
Distribution II Area: HU
3 Credits, Course fee: $687

BOSTON CAMPUS
S 8:15-11:15am, W-2-198
Class No 1033

SIX AMERICAN AUTHORS **ENGL 206**

The achievements of American literature in articulating the American mind are illustrated by works from some well-known American writers-Thoreau, Dickinson, Faulkner, for example-as well as from those who deserve to be better known, such as Frederick Douglass, Kate Chopin, Zora Neale Hurston.
Prerequisites: See note at beginning of English section. ENGL 101.
Distribution I Area: A
Distribution II Area: HU
Diversity Area: United States.
3 Credits, Course fee: $687

COPLEY
W 6:00-9:00pm
Class No 1034

INTRODUCTION TO CREATIVE WRITING **ENGL 210**

An introduction to the arts through the medium of writing as well as reading poetry and fiction. Student writing is submitted weekly and discussed in class.
Prerequisites: See note at beginning of English section. ENGL 102.
Distribution I Area: A
Distribution II Area: AR
3 Credits, Course fee: $687

COPLEY
M 6:00-9:00pm
Class No 1035

Environmental, Earth & Ocean Science

THE GLOBAL ENVIRONMENT **EEOS 101**

An analysis of the physical geographic environment including the globe, the atmosphere and ocean, climate, soils, vegetation, and landform. Positive and negative interaction of human beings with these aspects of the environment is examined where appropriate.
Distribution I Area: N
Distribution II Area: NS
3 Credits, Course fee: $687

BOSTON CAMPUS
S 8:15-11:15am, W-1-010
Class No 1023

WORLD REGIONAL GEOGRAPHY **EEOS 102**

An overview of world regions in terms of physical environment, human populations and the relationship between them. Topics with a focus on diversity are discussed from an international viewpoint and center on particular countries.
Distribution I Area: S
Diversity Area: International.
3 Credits, Special course fee: $850

ONLINE COURSE
ONLINE
Class No 10629

WEATHER AND CLIMATE **EEOS 225**

This course investigates atmospheric processes forming the basis for weather patterns and climatic development on a global scale. Major topics include earth-sun relationships, heating and cooling of the atmosphere, atmospheric circulation, pressure patterns, air mass formation and frontal systems, vertical zonation of climate, and the Koppen System for evaluating and classifying climatic phenomena.
Prerequisite: 30 credits.
Distribution I Area: N
Distribution II Area: NS
3 Credits, Course fee: $687

COPLEY
M 6:00-9:00pm
Class No 1024

Environmental Studies

THE NATURE OF ENVIRONMENTAL PROBLEMS **ENVSTY 101**

An introduction to environmental issues and analysis emphasizing comparisons between the sustainable characteristics of ecosystems, both natural and human, and the human impacts on the Earth's life support systems. Topics include human population growth, food production, use of natural resources, pollution, loss of biodiversity, and conservation strategies.
Distribution I Area: N
Distribution II Area: NS
3 Credits, Special course fee: $850

ONLINE COURSE
ONLINE
Class No 1036

Exercise and Health Sciences

FITNESS AND WELLNESS **EHS 160**

Students completing this course will be able to plan and develop a personal physical fitness plan and learn about physical fitness as it relates to health and well being. Students will also learn to set fitness related goals and articulate the aims and objectives of instruction in various fitness related activities, included but not limited to weight training, aerobic fitness using a number of modes such as walking and jogging, and an introduction to the regulation of healthy body weight. Emphasis will be on analyzing and designing fitness related activities with a consideration of safety issues and articulating carry over skills to aid in increasing the quality of life. This is a fundamental course that introduces students to the basic principles of fitness.
Prerequisite: EHS students only.
3 credits, Special course fee: $850

ONLINE COURSE
ONLINE
Class No 13207

STATISTICS FOR HEALTH PROFESSIONALS **EHS 280**

This course focuses on basic concepts of statistics such as measures of central tendency and variability; concepts of test validity, reliability, and objectivity; and on basic techniques used in inferential statistics. Emphasis will be placed on interpreting scientific peer-reviewed research in the field of exercise and health sciences.
Prerequisite: MATH 114Q or equivalent. EHS students only.
3 credits, Special course fee: $850

ONLINE COURSE
ONLINE
Class No 13208

French

ELEMENTARY FRENCH II **FRENCH 102**

A continuation of French 101. Concentrated practice in the four language skills, with an audio-lingual approach, for students who have completed French 101 or its equivalent. Continued attention to French and francophone culture. Weekly lab attendance and assignments required.
Prerequisite: FRENCH 101 or equivalent.
Distribution I Area: F
Distribution II Area: WL
4 Credits, Course fee: $916, Lab fee: $25

BOSTON CAMPUS
S 11:45am-2:45pm, W-1-020
Class No 1037

Gerontology

CERTIFICATE PROGRAM: FRANK J. MANNING CERTIFICATE IN GERONTOLOGY

See page 45.

SOCIAL AND ECONOMIC IMPLICATIONS OF AGING **GERCTR 202**

This course seeks to provide students with the ability to obtain and utilize information about the demographic and economic status of the elderly in the United States and assess the impact of these factors on their quality of life. Students will learn about the aging network and the major health and social policy programs, including Medicare, Medicaid, and Social Security, and other services impacting elders. In addition, students are required to schedule two site visits to local elder care agencies to learn about the agencies' operations and career opportunities. This course has been approved for CEU credit by the Massachusetts Board of Registration for Nursing Home Administrators. The course may also be applied to the requirements of the undergraduate major in Gerontology and the Frank J. Manning Certificate in Gerontology.

3 Credits, Special course fee: $850

ONLINE COURSE

ONLINE
Class No 12898

History

FOUNDATIONS OF WESTERN CIVILIZATION **HIST 111**

A survey of the political, cultural, social, and economic history of Western society from antiquity until 1715. Emphasis is given to the critical analysis of primary sources.

Distribution I Area: H
Distribution II Area: HU
3 Credits, Course fee: $687

COPLEY
M 6:00-9:00pm
Class No 1040

MODERN WESTERN CIVILIZATION **HIST 112**

This course traces the major political, economic, and cultural changes which have shaped Western society from the Enlightenment to the present. Emphasis is given to the critical analysis of primary source materials.

Distribution I Area: H
Distribution II Area: HU
3 Credits, Course fee: $687

BOSTON CAMPUS
S 8:15-11:15am, W-1-047
Class No 1041

MODERN WORLD HISTORY II **HIST 114**

History of modern Western industrial societies and the non-Western world, 1800-present.

Distribution I Area: H
Distribution II Area: SB
Diversity Area: International.
3 Credits, Course fee: $687

COPLEY
Tu 6:00-9:00pm
Class No 1042

AMERICAN HISTORY BEFORE 1877 **HIST 165**

Introduces students at the intermediate level to the study of American history before 1877. The subject matter encompasses virtually all aspects of American society. The interrelationship between social structure, economic development, everyday life, culture and formal politics is explored throughout the course. Attention is given to the nature of historical inquiry and the development of writing skills.

Distribution I Area: H
Distribution II Area: HU
3 Credits, Special course fee: $850

ONLINE COURSE

ONLINE
Class No 1043

EUROPE, 1900-1945 **HIST 315**

Political, social and intellectual history of Europe from 1900 to 1945. Emphasis on the origins of the World Wars, European totalitarianism, the Great Depression and inter-war societies.

3 Credits, Special course fee: $850

ONLINE COURSE

ONLINE
Class No 10633

MODERN IRISH HISTORY FROM 1800 TO THE PRESENT **HIST 339**

This course examines the forces and movements in the development of Irish Nationalism from 1800 to the achievement of national independence. The course also explores the history of an independent Ireland.

3 Credits, Special course fee: $850

ONLINE COURSE

ONLINE
Class No 1045

MODERN JAPAN **HIST 363L**

A historical survey of economic, social, political and cultural developments in Japan from 1800 to the present, special consideration of economic and foreign policy problems.

Diversity Area: International.
3 Credits, Special course fee: $850

ONLINE COURSE

ONLINE
Class No 6430

International Relations

THE EUROPEAN UNION **IR 355L**

This course focuses on the political, economic, and social trends affecting national and intra-regional developments within various countries, as well as on the institutions and processes of the European Union as an emerging supranational entity. Also covered: The European Union's external relations, with particular attention to US-European issues.

3 Credits, Special course fee: $850

ONLINE COURSE

ONLINE
Class No 11403

Latin

FUNDAMENTALS OF LATIN I **LATIN 101**

Designed to complete a standard basic textbook with LATIN 102.
Distribution I Area: F
Distribution II Area: WL
3 Credits, Special course fee: $850

ONLINE COURSE
ONLINE
Class No 5791

FUNDAMENTALS OF LATIN II **LATIN 102**

Continuation of LATIN 101.
Distribution I Area: F
Distribution II Area: WL
3 Credits, Special course fee: $850

ONLINE COURSE
ONLINE
Class No 11410

Linguistics

ELEMENTARY AMERICAN SIGN LANGUAGE II **LING 152**

A continuation of LING 151 with emphasis on receptive and expressive skills.
Prerequisite: LING 151 or permission of the instructor.
Distribution I Area: F
Distribution II Area: WL
3 Credits, Course fee: $687

BOSTON CAMPUS
S 11:45am-2:45pm, W-2-125
Class No 1049

Management

INTRODUCTION TO BUSINESS **MGT 130**

Familiarizes students with the nature of business and its relationship to other institutions in society. The course examines business ownership, organization, management, marketing, human resources management, production, and finance. In addition, the course explores issues in the relationships between capitalism and business, the law and business, and government and business.
3 Credits, Course fee: $687

COPLEY
M 6:00-9:00pm
Class No 6445

ONLINE COURSE
ONLINE
Special course fee: $850
Class No 13262

Management Science & Information Systems

CERTIFICATE PROGRAM: FUNDAMENTALS OF INFORMATION TECHNOLOGY

See page 45.

INTRODUCTION TO INFORMATION SYSTEMS **MSIS 105**

Introduces computers, information systems, and their use in society for students with minimal prior knowledge in this area. Topics includes overviews of current information technology concepts and components, the Internet, and productivity software tools. The course offers an extensive hands-on component in the use of current technology.
3 Credits, Special course fee: $850

ONLINE COURSE
ONLINE
Class No 6486

INTRODUCTION TO COMPUTERS AND INFORMATION SYSTEMS **MSIS 110**

Introduces systems thinking principles, computers, information systems, and their use in business decision making. Topics include management information systems concepts and components, issues involving information management, productivity software tools. The course offers an extensive hands-on component in the use of state-of-the-art technology.
3 Credits, Special course fee: $850

ONLINE COURSE
ONLINE
Class No 11637

INTRODUCTION TO INFORMATION SECURITY **MSIS 123**

This course will present an overview of the threats to your information technology infrastructure and intellectual property, with an emphasis on the detection and prevention of intrusions or theft. The protection of services such as the World Wide Web, file sharing, and e-mail will be analyzed. The vulnerabilities and hardening of major operating systems such as Linux and Microsoft's Windows 2000 will be discussed. The course takes a holistic approach, discussing the technical but focusing on the need for proper training and procedures in the maintenance of an effective yet secure information technology infrastructure. While the material of the course is technical in nature, no systems administration or software development experience is assumed. A good familiarity with the use of the Internet and computers is required, and some knowledge of TCP/IP would be helpful.
3 Credits, Special course fee: $850

ONLINE COURSE
ONLINE
Class No 6447

INTRODUCTION TO VISUAL BASIC.NET **MSIS 124**

This is an introductory course for Visual Basic.NET, an object-oriented, event-driven language that is a subset of the Visual Studio.NET environment. It is designed to provide the beginning Visual Basic programmer with the tools to create Visual Basic applications that conform to well-adopted Windows standards. In addition, it will introduce the students to object-oriented programming concepts, which are key to successful Windows and Web-based development efforts. While students are expected to have familiarity with basic Windows 95, Windows 98, or Windows 2000 concepts, little or no programming experience is required.
3 Credits, Special course fee: $850

ONLINE
Class No 6448

RELATIONAL DATABASES **MSIS 230**

This course provides a thorough review of basic relational database concepts and how to apply these concepts to a variety of application problems. The course focuses on the use and properties of relational database management systems. Topics covered include DBMS architecture levels, data modeling, data definition and manipulation capabilities of Structured Query Language programming, and programming techniques for accessing relational databases.
Prerequisite: MSIS 124.
3 Credits, Special course fee: $850

ONLINE
Class No 11638

Marine Studies

To register for the courses below, you must first call the Marine Studies Consortium (see page 57) to get a UMass Boston schedule number. This will allow you to register at UMass Boston. Courses may have a waiting list. For schedule numbers and wait listing, call the Consortium at 781-444-3643 or email Roger Stern at rstern@jhu.edu.

BIOLOGY OF FISHES **BIOL 330**

The evolution, ecology, genetics, taxonomy, and structure of fish. Biological problems of general interest are emphasized, such as breeding systems, genetics of sex determination, evolution by means of chromosome duplication, environmental physiology, and migration.
Prerequisites: BIOL 210 and 252 or permission of instructor.
3 Credits, Course fee: $687

NE AQUARIUM
Jan 22-May 6, Tu 5:00-9:00pm

To register, see note above.

MARITIME HISTORY **INTR-D 106**

This course is an introduction to New England's maritime history, with secondary emphasis on its relationship to the coastal ecosystem. The course moves chronologically from the earliest fishing and shipbuilding settlements in the 17th century to the establishment of dominant maritime industries in the 19th century. We will follow the capital generated by maritime industries as some of it moved ashore to finance the industrial revolution and the opening of the West, and follow a diminishing maritime culture through the Second World War. As we proceed, we also discuss the evolving relationship between our maritime economy and culture and the coastal environment.
3 Credits, Course fee: $687

WELLESLEY COLLEGE
Jan 24-May 8, Th 5:00-8:00pm

To register, see note above.

Mathematics

PREPARATORY WORK

Any student who intends to take a mathematics course at or below the level of MATH 140 (Calculus I) must furnish proof to the department that he or she is prepared for that course. The required proof is successful completion of the appropriate math placement test (see Diagnostic Testing, page 6).

COLLEGE ALGEBRA **MATH 115**

Designed primarily but not exclusively for students seeking a stronger foundation in algebra before taking Math 129 or Math 130. Topics include basic algebra concepts, linear equations and inequalities and inequalities, properties of functions, linear and quadratic functions, absolute value equations and inequalities, systems of equations.
Prerequisite: MATH 125 or an appropriate score on the Math Placement Test.
Distribution I Area: M
3 Credits, Course fee: $687

BOSTON CAMPUS
F 6:00-9:15pm, W-1-047
Class No 1050

INTRODUCTORY STATISTICS **MATH 125**

Topics include introductory statistics, covering descriptive statistics; introductory probability sufficient to enable development of inferential statistics; and inferential statistics.
MATH 114Q or 115 or 124 or 129 or 130 or 140 or appropriate scores on the Math Placement Test.
Distribution I Area: M
Distribution II Area: MT
3 Credits, Course fee: $687

BOSTON CAMPUS
S 11:45am-3:00pm, W-1-010
Class No 1052

COPLEY
Th 6:00-9:15pm
Class No 1051

PRECALCULUS **MATH 130**

Preparation for first year calculus. Covers symmetry, graphs, functions, lines, parabolas and max-min problems, exponential and logarithm functions, exponential growth, and the trigonometric functions and their inverses.
Prerequisite: Appropriate scores on the Math Placement Test.
Distribution I Area: M
Distribution II Area: MT
3 Credits, Course fee: $687

BOSTON CAMPUS
S 8:15-11:30am, W-1-009
Class No 1053

MANAGERIAL ALGEBRA AND CALCULUS **MATH 134**

A one-semester course in calculus, with particular emphasis on applications to economics and management. Topics covered include limits, continuity, derivatives, and integrals.
Prerequisite: MATH 129 or 130 or appropriate scores on the Math Placement Test.
Distribution I Area: M
3 Credits, Course fee: $687

BOSTON CAMPUS
S 11:45am-3:00pm, W-2-198
Class No 1054

Music

AN INTRODUCTION TO MUSIC **MUSIC 111**

Basic music materials, principles of design, and the cultural significance of representative works in historical sequence. Designed primarily for non-music majors.
Distribution I Area: A
Distribution II Area: AR
3 Credits, Course fee: $687

BOSTON CAMPUS
F 2:30-5:30pm, M-2-404
Class No 1055

PRIVATE MUSIC LESSONS **MUSIC 185**

Private, individualized study of voice and all instruments covering both performing techniques and musicianship. Open to all students upon payment of an additional fee. Twelve hour or half-hour lessons per semester. May be repeated for credit. **Students must contact the Music Department to register for lessons.** Students will need to provide an instrument for their lessons, with the exception of voice, drums, and piano. For further information, contact the Performing Arts Department at 617.287.5640.
Note: Waivers may not be used for MUSIC 185. The registration deadline for MUSIC 185 is February 4. No late registrations will be accepted.

COURSE FEES:
Twelve half-hour lessons: $365, 1 Credit
Twelve one-hour lessons: $730, 1 Credit

MUSIC 185A: FLUTE

Half-hour lesson	One-hour lesson
Class No 1056	Class No 1057

MUSIC 185B: BASS

Half-hour lesson	One-hour lesson
Class No 1058	Class No 1059

MUSIC 185C: CLARINET

Half-hour lesson	One-hour lesson
Class No 1060	Class No 1061

MUSIC 185D: DRUMS

Half-hour lesson	One-hour lesson
Class No 1062	Class No 1063

MUSIC 185E: GUITAR

Half-hour lesson	One-hour lesson
Class No 1064	Class No 1065

MUSIC 185F: PIANO

Half-hour lesson	One-hour lesson
Class No 1068	Class No 1069

MUSIC 185G: SAXOPHONE

Half-hour lesson	One-hour lesson
Class No 1076	Class No 1077

MUSIC 185H: VIOLIN

Half-hour lesson	One-hour lesson
Class No 5743	Class No 5744

MUSIC 185I: VOICE

Half-hour lesson	One-hour lesson
Class No 1078	Class No 1079

MUSIC 185J: TRUMPET

Half-hour lesson	One-hour lesson
Class No 1086	Class No 1087

MUSIC 185K: CELLO

Half-hour lesson	One-hour lesson
Class No 1088	Class No 1089

MUSIC 185L: TROMBONE

Half-hour lesson	One-hour lesson
Class No 1090	Class No 1091

MUSIC 185M: ORGAN

Half-hour lesson	One-hour lesson
Class No 1092	Class No 1093

MUSIC 185N: VIOLA

Half-hour lesson	One-hour lesson
Class No 1094	Class No 1095

MUSIC 185O: OBOE

Half-hour lesson	One-hour lesson
Class No 1096	Class No 1097

MUSIC 195P: RECORDER

Half-hour lesson	One-hour lesson
Class No 1098	Class No 1099

MUSIC 185Q: HORN

Half-hour lesson	One-hour lesson
Class No 1100	Class No 1101

MUSIC 185R: BASSOON

Half-hour lesson	One-hour lesson
Class No 1102	Class No 1103

MUSIC 185S: ACCORDION

Half-hour lesson	One-hour lesson
Class No 1104	Class No 1105

MUSIC 195T: STRING BASS

Half-hour lesson	One-hour lesson
Class No 6538	Class No 6539

Nursing

DEGREE PROGRAM: BS IN NURSING FOR REGISTERED NURSES
See page 45.

PROFESSIONAL ISSUES IN NURSING **NURSNG 360**

This is the first nursing course in the RN-BS Online Program. It is an intermediate seminar designed to assist registered nurses to develop the critical reading, writing and thinking skills necessary for successful university level study. Issues that significantly influence professional practice and nursing leadership are explored utilizing the above skills.
Prerequisite: RN-to-BS students only. By permission of department.
6 Credits, Special course fee: $1700

ONLINE COURSE
ONLINE
Class No 6487

HEALTH ASSESSMENT AND PROMOTION **NURSNG 361**

This course focuses on the complete health assessment, the nursing process, and its relationship to the prevention and early detection of disease in clients across the life span. This course introduces processes of health assessment: interviewing, history-taking, and physical assessment. Dominant models, theories, and perspectives are used to explain health behaviors and are considered in relation to evidence-based health promotion and health education strategies. Students are also expected to identify and apply pathophysiological principles to selected health issues across the lifespan. The course includes a laboratory component complemented by self-directed computer-assisted instruction. Incorporated throughout the course is the importance of communication and collaboration across culturally diverse urban populations.
Prerequisite: NURSING students only. By permission of department.
6 Credits, Special course fee: $1700

ONLINE COURSE
ONLINE
Class No 6488

NURSING RESEARCH AND INFORMATION **NURSNG 362**

This course provides an overview of scientific research and nursing informatics. The course focuses on the interface of theory, research, and electronic technologies used in data acquisition, information management, and knowledge development. Emphasis is placed on ethical, theoretical, and methodological issues raised when studying and documenting the health-related quality of life of urban populations and on the application of electronic networks in multidisciplinary healthcare delivery.
Prerequisite: NURSING students only. By permission of department.
6 Credits, Special course fee: $1700

ONLINE COURSE
ONLINE
Class No 6489

COMMUNITY HEALTH NURSING FOR RNs **NURSNG 461**

The course enables students to perform complex, comprehensive interventions designed to improve public and community health care in the evolving health care system. Nursing practice is directed toward communicating effectively and working collaboratively with diverse urban communities and healthcare infrastructures to deliver quality, cost-effective and accessible health across the life span. Students will utilize information technology to generate empirical and theoretical knowledge bases for decision-making, critical thinking, designing and evaluation health care programs and outcomes. Students will assess and demonstrate accountability for self-learning needs when engaged in developing and advocating for programs designed to promote the health of vulnerable and other diverse urban populations.
Prerequisite: RN-to-BS students only. By permission of department.
6 Credits, Special course fee: $1700

ONLINE COURSE
ONLINE
Class No 6490

LEGAL, ETHICAL & HEALTH POLICY AND CAPSTONE FOR RNs **NURSNG 462**

This course is the capstone for students in the online RN-BS program. This course enables students to analyze complex nursing issues from a legal, ethical, and political approach. This perspective will serve to guide health professionals to socially responsible practice and collaboration within the changing health care environment. In addition, the course conducts critical analyses of contemporary urban health and policy issues affecting individuals across the lifespan. The impact of the complex socio-political environments on how the health care system evolved and is continually reformed is explored. Different health issues and policies including communication, advocacy, and ethical concerns of access, quality, and cost will be examined. The ethical, legal and policy issues surrounding healthcare disparities will be examined. Students will use information technology to generate empirical and theoretical knowledge bases for decision-making, critical thinking and evaluation of health care policies and their outcomes.
Prerequisite: NURSNG 461. By permission of department.
6 Credits, Special course fee: $1700

ONLINE COURSE
ONLINE
By arrangement
Class No 6491

Philosophy

INTRODUCTION TO PHILOSOPHY **PHIL 100**

An introductory examination of the problems and scope of philosophy.
Distribution I Area: P
Distribiution II Area: HU
3 Credits, Course fee: $687

BOSTON CAMPUS	COPLEY
S 8:15-11:15am, W-1-031	W 6:00-9:00pm
Class No 1112	Class No 1111

MORAL AND SOCIAL PROBLEMS **PHIL 108**

Important moral and social issues of current concern are examined and debated. The course covers several problems each semester from a list including criminal punishment, war, abortion, racism, violence, the death penalty, private property, sexism, animal rights, the environment, and hunger.
Distribution I Area: P
Distribiution II Area: HU
Diversity Area: United States.
3 Credits, Course fee: $687

BOSTON CAMPUS	COPLEY
S 11:45am-2:45pm, W-1-031	M 6:00-9:00pm
Class No 1114	Class No 1113

MORAL ISSUES IN MEDICINE **PHIL 222**

Concepts of health, illness and healing, under different paradigms of medicine. Is medicine an art or science? What is the impact of medical technology on human life and death? What is considered "natural"? Attention is given to issues in human reproduction (e.g. in vitro fertilization, conception, abortion). Questions of authority, accountability in doctor-patient relationships, patient advocacy, self-help, right to health care or to refuse treatment. Social and political questions of health care organization.
Distribution I Area: P
Distribiution II Area: HU
3 Credits, Course fee: $687

BOSTON CAMPUS
F 2:30-5:30pm, W-1-019
Class No 1115

Physics

ENERGY FOR THE FUTURE **PHYSIC 134**

The current means of providing energy for our society are not sustainable. The need for secure, alternative and clean sources of power is increasingly apparent. This course, intended for a general audience, provides an overview of the energy problem. It covers the ways we currently obtain and use power and considers the scientific and technological issues involved in emerging technologies.
Distribution I Area: N
3 Credits, Special course fee: $850

ONLINE COURSE
ONLINE
Class No 11435

Political Science

AN INTRODUCTION TO POLITICS AND POLITICAL SCIENCE **POLSCI 101**

This course introduces and explores the conceptual vocabulary of politics. Though concerned with problems of political theory, it is designed not for theorists but for anyone who thinks, talks, or worries about the public world. A series of brief case studies will be used to show how real-world outcomes are affected by our political ideas and assumptions.
Distribution I Area: S
Distribution II Area: SB
3 Credits, Course fee: $687

COPLEY
Tu 6:00-9:00pm
Class No 1116

GOVERNMENT AND POLITICS OF THE UNITED STATES **POLSCI 102**

An introduction to the structures, processes, and results of the American governmental system. The course focuses on the national government and national political behavior, although state, regional, and local structures and issues are also introduced. Topics include institutions of government, political principles and ideologies, public opinion, political socialization, political parties, mass media, elections, interest groups, civil rights and civil liberties, public policies and policy making.
Distribution I Area: S
Distribution II Area: SB
3 Credits, Course fee: $687

BOSTON CAMPUS
S 3:15-6:15pm, W-1-009
Class No 1117

COMPARATIVE POLITICS OF TRANSITIONAL SOCIETIES **POLSCI 202**

Introductory survey of political systems in non-industrialized nations, drawing on examples from Latin America, Africa, and Asia. Course content focuses on the nature of the development process and the evolution of political institutions and practices.
Distribution I Area: S
Diversity Area: International
3 Credits, Course fee: $687

BOSTON CAMPUS
F 6:00-9:00pm, W-1-019
Class No 1118

INTERNATIONAL RELATIONS **POLSCI 220**

This course focuses on basic patterns and concepts which explain interactions among nations. Special attention is given to the role of ideologies, international organizations, conflict resolution, the impact of multinational corporations, underdevelopment, the international dimension of human rights, ethnic, "racial," religious, and gender differences, and the dynamics of globalization.
Distribution I Area: S
Diversity Area: International
3 Credits, Course fee: $687

COPLEY
M 6:00-9:00pm
Class No 1119

BOSTON: COOPERATION AND CONFLICT IN THE URBAN ENVIRONMENT **POLSCI 340**

The course helps students become familiar with the historical backgrounds of Boston's social systems, which leads to investigation and discussion of the city's contemporary political and social problems. The materials for this course consist of scholarly writings, journalists' reports, government documents, judicial opinions, biographies, films, and slide lectures, all focused on Boston and the metropolitan region.
Diversity Area: United States.
3 Credits, Special course fee: $850

ONLINE
Class No 11405

THE EUROPEAN UNION **POLSCI 355L**

This course focuses on the political, economic, and social trends affecting national and intra-regional developments within various countries, as well as on the institutions and processes of the European Union as an emerging supranational entity. Also covered: The European Union's external relations, with particular attention to US-European issues.
3 Credits, Special course fee: $850

ONLINE
Class No 11404

THIRD WORLD DEVELOPMENT **POLSCI 375**

Investigation of theories of interdependence, dependency, and neocolonialism. Special attention to North/South relations, various approaches to development and forms of assistance provided by the industrial countries, resource problems, and other political and developmental issues facing North and South.
Diversity Area: International.
3 Credits, Special course fee: $850

ONLINE
Class No 10638

GLOBALIZATION AND SOCIAL MOVEMENTS **POLSCI 377**

The increased global interdependence of markets and the "de-localization" of production have also redrawn the boundaries of political and social power. This course will explore the changes in collective action as new and old social actors mold and respond to the challenges of globalization. Utilizing the theories of social movements, collective action, and social capital, the class will focus on how transnational networks of citizens and non-governmental organizations both in developed and developing countries try to affect policies at the global level. Among others, we will examine the new movements for social justice, the workers' response to globalization and poor people's movements in the Third World.
3 Credits, Course fee: $687

BOSTON CAMPUS
S 8:15-11:15am, W-1-045
Class No 11396

AFTER COMMUNISM **POLSCI 377**

This course is an examination of politics in post-communist countries, with a focus on Russia and the other former Soviet States. We will develop an understanding of political, economic and social "transformations," and discuss political and economic policies and reforms, the rule of law, corruption, and impediments to change. Through comparative analysis, we will consider the extent to which "democratization" and "marketization" have occurred in these states (and the broader question of the relationship between democracy and a market economy) and whether post-Soviet states are heading toward democracy, are reverting back to Communism, are stalled, or are moving towards something else, such as a new version of authoritarianism
3 Credits, Special course fee: $850

ONLINE
Class No 11401

POLITICS, SOCIAL CHOICE AND PUBLIC POLICY **POLSCI 377**

Intensive study of topics in politics. Course content varies each semester.
3 Credits, Special course fee: $850

ONLINE
Class No 11402

Psychology

INTRODUCTORY PSYCHOLOGY **PSYCH 100**

A general survey of selected content areas in psychology, including personality and human development, physiological psychology, learning, intelligence, heredity and environment, and motivation and emotion.
Distribution I Area: S
Distribution II Area: SB
3 Credits, Course fee: $687

BOSTON CAMPUS
S 3:15-6:15pm, W-1-031
Class No 6474

BRAINTREE
Tu 6:30-9:30pm
Class No 1121

COPLEY
W 6:00-9:00pm
Class No 1122

INTRODUCTION TO BEHAVIORAL RESEARCH **PSYCH 201**

An introduction to the ways of discovering, describing and making warranted assertions about aspects of people and social life. The chief objectives are 1) to help students develop the skills and knowledge necessary to become intelligent critics of research in the behavioral and social sciences, and 2) to give them a rudimentary understanding of the design and evaluation of scientific research. Statistical material is treated in a conceptual manner. Classroom work and course examinations concentrate equally on research design and research evaluation.
Distribution I Area: S
3 Credits, Course fee: $687

BOSTON CAMPUS
S 8:15-11:15am, W-1-041
Class No 1123

PSYCHOLOGY OF CROSS-CULTURAL RELATIONS PSYCH 234

This course examines the nature and dynamics of inter-group relations within a multicultural context, studying relations among diverse cultures and racial groups in the United States and globally. The course looks at cross-cultural relations from an interdisciplinary perspective, discussing psychological and sociopolitical perspectives.
Prerequisite: PSYCH 100 or 101.
Distribution I Area: S
Diversity Area: United States.
3 Credits, Course fee: $687

BOSTON CAMPUS
F 6:00-9:00pm, W-1-061
Class No 5749

COMMUNICATION AND SOCIETY PSYCH 337

This course explores interpersonal interaction and the functional and dysfunctional ways in which communication occurs. Participants examine non-verbal communication, including paralanguage, spacing, and gestures. Additionally, they acquire experience using the Internet, for research purposes as well as for on-line communication with other course participants. Discussions also focus on various aspects of the mass media.
3 Credits, Special course fee: $850

ONLINE COURSE
ONLINE
Class No 6475

THE FAMILY AND THE CHILD: A PSYCHOLOGICAL VIEW PSYCH 341

The role of the family in the psychological development of the child. A psychodynamic view of the family, examining stages of development from the third trimester of pregnancy to sixteen years of age.
Prerequisite: PSYCH 241.
3 Credits, Course fee: $687

COPLEY
Tu 6:00-9:00pm
Class No 5750

ADOLESCENCE PSYCH 342

This course is designed to acquaint students with psychological characteristics of adolescent development, theoretical approaches to adolescence, and experimental studies of the causes of a variety of behaviors during adolescence. The course also focuses on major problems and characteristics of adolescents in modern society.
Prerequisite: PSYCH 100 or 101.
Distribution I Area: S
3 Credits, Course fee: $687

BOSTON CAMPUS
F 2:30-5:30pm, W-1-031
Class No 1124

LEARNING AND MEMORY PSYCH 350

An introduction to current view of behavioral change, learning, and remembering. The course focuses on concepts, theoretical issues and applications of current research.
Prerequisite: PSYCH 100 or 101.
3 Credits, Course fee: $687

BOSTON CAMPUS
S 8:15-11:15am, W-1-061
Class No 5751

BEHAVIORAL NEUROSCIENCE PSYCH 360

An overview of the field of neuroscience. Selected topics are neuroanatomy, brain physiology, communication in the central nervous system, immunology, and psychopharmacology. This course also includes a critical discussion of various research techniques. One goal for students is to develop critical thinking skills, as consumers of scientific information.
Prerequisite: PSYCH 100 or 101, and PSYCH 105 or any BIOL course.
3 Credits, Course fee: $687

BOSTON CAMPUS
S 11:45am-2:45pm, W-1-041
Class No 5752

Study of Religion

SOCRATES, JESUS, BUDDHA RELSTY 104

A study of three great paradigmatic figures and the different ways of life and views of reality which they represented. Attention to the social-cultural contexts in which they emerged; critical evaluation of Socrates and Jesus as sources of Western values; and exploration of why the Buddha has recently become an attractive alternative.
Distribution I Area: P
Distribution II Area: HU
3 Credits, Course fee: $687

BOSTON CAMPUS
S 11:45am-2:45pm, W-1-047
Class No 5743

SYMBOL, MYTH AND RITUAL: CULTURAL STUDIES IN RELIGION RELSTY 109

This course studies myths, symbols, rituals, and other dimensions associated with religion. These dimensions, however, also appear outside religion-e.g., in popular movies, fashion, sports and music. The course will explore these "religious" dimensions as they appear in both arenas, by applying some major theories of religion (e.g., Freud, Durkheim and Eliade) as well as the tools of cultural analysis.
Distribution I Area: P
Distribution II Area: HU
3 Credits, Course fee: $687

COPLEY
Th 6:00-9:00pm
Class No 5754

JESUS AND CHRISTLIKE FIGURES IN WORD AND IMAGE **RELSTY 280**

Jesus has been and continues to be one of the most represented historical and religious figures. How representations of Jesus have reflected and influenced religious, political, social beliefs and practices will be studied in this course. This will be done through an exploration of written and visual texts, including: scripture; fine art paintings, sculpture, and photography; and, popular films. An interdisciplinary approach will be taken to analyzing texts of the church and of "secular" societies. Although primary focus will be given to how Jesus has been represented and understood within Western Christianity, attention will also be given to how he has been represented and understood in Christianity of other regions and within other faith traditions.
3 Credits, Course fee: $687

BOSTON CAMPUS
F 2:30-5:30pm, W-1-020
Class No 11441

Sociology

INTRODUCTION TO SOCIOLOGY **SOCIOL 101**

The structure of society, cultural patterns, and group life. The individual and socialization, groups, institutions, social systems, and social change.
Distribution I Area: S
Distribution II Area: SB
3 Credits, Course fee: $687

BOSTON CAMPUS
S 8:15-11:15am, W-2-158
Class No 1133

BRAINTREE
W 6:30-9:30pm
Class No 11442

COPLEY
M 6:00-9:00pm
Class No 1132

ONLINE COURSE
ONLINE
Special course fee: $850
Class No 10640

SOCIAL PROBLEMS **SOCIOL 160**

A course concentrating on institutional formation and change. Specifically, it covers the definition and explanation of social problems, individual, group and governmental responses to them, implications of social policy, in-depth case studies, and discussion of contemporary social problems.
Prerequisite: SOCIOL 101.
Distribution I Area: S
3 Credits, Special course fee: $850

ONLINE COURSE
ONLINE
Class No 1134

YOUTH AND SOCIETY **SOCIOL 201**

An examination of theories and research on youth and society. Present day patterns of youthful development are contrasted to other types-both in Western history and in other cultures. The relationship of youth to major institutions (educational, legal, occupational) are examined in detail.
Prerequisite: SOCIOL 101.
Distribution I Area: S
3 Credits, Course fee: $687

COPLEY
W 6:00-9:00pm
Class No 1135

CRIMINOLOGY **SOCIOL 262L**

A general survey and analysis of adult crime. Attention to historical development of criminological thought, societal reaction to crime, and behavioral systems. Emphasis on theories of criminality and issues in the administration of justice by police and courts.
Prerequisite: SOCIOL 101.
Distribution I Area: S
Distribution II Area: SB
3 Credits, Course fee: $687

COPLEY
Th 6:00-9:00pm
Class No 11431

SOCIETY AND THE INDIVIDUAL **SOCIOL 281**

Basic survey of the social environment of individuals and its impact on psychological processes.
Prerequisite: SOCIOL 101.
Distribution I Area: S
Distribution II Area: SB
3 Credits, Course fee: $687

BOSTON CAMPUS
F 6:00-9:00pm, W-2-198
Class No 5755

FAMILY VIOLENCE **SOCIOL 316**

This course seeks to help participants develop a critical understanding of force and violence within the family structure. Emphasis is on violence between spouses, and between children and parents; and on the prevalence, the character, and the causes of such violence. Topics also include society's reaction to family violence, and its policies of control and treatment; and the sexual abuse and exploitation of children and women.
Prerequisite: SOCIOL 101.
3 Credits, Course fee: $687

BOSTON CAMPUS
S 11:45am-2:45pm, W-1-046
Class No 1136

RACE AND ETHNIC RELATIONS **SOCIOL 321L**

An examination of racial and ethnic relations in contemporary society, including the history and sociology of the immigration experience, bilingual education, the nature and character of discrimination, neighborhood change, and racial and ethnic conflict.
Prerequisite: SOCIOL 101.
Distribution II Area: SB
Diversity Area: United States.
3 Credits, Course fee: $687

BOSTON CAMPUS
F 2:30-5:30pm, W-2-198
Class No 1127

METHODS OF SOCIOLOGICAL RESEARCH **SOCIOL 351L**

Design of sociological research and methods of inquiry. Organization and analysis of data, development of research projects.
Prerequisites: SOCIOL 101.
3 Credits, Course fee: $687

COPLEY
Tu 6:00-9:00pm
Class No 1128

JUVENILE DELINQUENCY **SOCIOL 362**

The nature and extent of delinquency. Consideration of theories, delinquent subculture, and programs for control and prevention.
Prerequisites: SOCIOL 101.
3 Credits, Course fee: $687

COPLEY
W 6:00-9:00pm
Class No 5756

CORRECTIONS **SOCIOL 363L**

Prisons, jails, parole, and probation. Attention to inmate social structure, and philosophy underlying the correctional system and modern treatment approaches.
Prerequisites: SOCIOL 101.
3 Credits, Course fee: $687

BRAINTREE
Th 6:30-9:30pm
Class No 1129

DRUGS AND SOCIETY **SOCIOL 367**

This course examines the social origins and consequences of the use and abuse of consciousness-altering substances (including alcohol). It considers how society defines and deals with drug use and assesses social harm, including such issues as addictions and health effects, drugs and crime, the legislation debate, and drug policy and enforcement.
Prerequisites: SOCIOL 101.
Distribution II Area: SB
3 Credits, Special course fee: $850

ONLINE
Class No 6477

ALCOHOLISM: ETIOLOGY AND EPIDEMIOLOGY **SOCIOL 368L**

An in-depth interdisciplinary analysis of the nature, causes, and extent of alcoholism and problem drinking. Analysis of drinking patterns and drinking problems cross-culturally and among subgroups in the population such as women, prison inmates, the elderly, and homeless people.
Prerequisite: SOCIOL 101.
3 Credits, Course fee: $687

BOSTON CAMPUS
S 3:15-6:15pm, W-1-046
Class No 1130

INTERNSHIP IN LAW AND CRIMINAL JUSTICE **SOCIOL 461L**

This course provides an historical and sociological analysis of our state and federal court systems, and considers such issues as the rights of indigent defendants, the bail system, right to counsel, and the adversary nature of some proceedings. In addition to classroom work, students undertake supervised field placements in probation offices, parole boards, district attorneys' offices, and correctional programs.
Prerequisite: SOCIOL 101. By permission of department.
6 Credits, Course fee: $1374

COPLEY
M 6:00-9:00pm
Class No 11433

THE SOCIOLOGY OF LAW **SOCIOL 467L**

A general analysis of the social origins and consequences of law and legal process; special emphasis on law as a method of conflict resolution and as a social control structure, and on law and social change. Attention also given to law in other societies, including non-literate societies, to the evolution and development of legal structures, and to patterns of due process and criminal law.
Prerequisite: SOCIOL 101.
3 Credits, Course fee: $687

BOSTON CAMPUS
S 11:45am-2:45pm, W-1-009
Class No 1131

Spanish

CERTIFICATE PROGRAM: SPANISH COURT INTERPRETATION

See page46.

CERTIFICATE PROGRAM: SPANISH/ENGLISH TRANSLATION

See page 46.

ELEMENTARY SPANISH I **SPAN 101**

Designed for students with little or no background in the Spanish language. Spanish 101 focuses on the acquisition of basic listening, speaking, reading, and writing skills within a cultural framework. Weekly laboratory attendance and assignments required.
Prerequisite: The instructor reserves the right to place you in the appropriate course level.
Distribution I Area: F
Distribution II Area: WL
4 Credits, Special course fee: $1080, Lab fee: $25

ONLINE
Class No 1140

ELEMENTARY SPANISH II **SPAN 102**

A continuation of Spanish 101. Spanish 102 focuses on furthering the acquisition of basic listening, speaking, reading, and writing skills within a cultural framework. Weekly laboratory attendance and assignments required.
Prerequisite: The instructor reserves the right to place you in the appropriate course level.
Distribution I Area: F
Distribution II Area: WL
4 Credits, Special course fee: $1080, Lab fee: $25

ONLINE COURSE
ONLINE
Class No 5757

BASIC SPANISH FOR COMMUNICATION II **SPAN 106**

A continuation of SPAN 105.
Prerequisite: The instructor reserves the right to place you in the appropriate course level.
Distribution I Area: F
Distribution II Area: WL
3 Credits, Course fee: $687

BOSTON CAMPUS
S 11:45am-2:45pm, W-1-029
Class No 6479

Technical Education

The following courses are presented by the Center for Technical Education (CTE) at UMass Boston, and are designed for professionals seeking licensure as vocational-technical instructors, administrators and service providers in the state of Massachusetts.

CTE offers the seven courses that deliver all 21 required vocational-technical credits for licensure. Classes are held at off-campus locations including Lexington, Franklin, New Bedford, Plymouth and Wakefield, MA, as well as online.

For more information on the Center for Technical Education and licensure requirements, please contact Dr. Sumner Rotman at sumner.rotman@umb.edu or 617.287.7919. Additional program information can be found at ccde.umb.edu/tech.

TECHNICAL COURSE REQUIREMENTS

SEMINAR FOR THE BEGINNING VOCATIONAL-TECHNICAL TEACHER **OCC ED 218**

This course prepares the new vocational technical educator candidate for his/her first teaching assignment. The course will identify the characteristics of an effective teacher as will as provide some of the tools required by first year teachers to be successful. These include techniques for establishing effective classroom routines and procedures, student instruction and assessment, and for maintaining a positive classroom/laboratory climate that conveys high expectations. In addition, students learn to identify the elements of a course/program curriculum and learn how to develop a lesson plan, assign and grade homework and collaborate with colleagues to improve instruction, assessment and student achievement.
3 Credits, Course fee: $687

ANDOVER
M 4:00-6:30pm
Class No 6452

FRANKLIN
W 3:00-5:30pm
Class No 6453

NEW BEDFORD
M 4:00-6:30pm
Class No 6454

PLYMOUTH
W 4:00-6:30pm
Class No 6450

WAKEFIELD
W 5:00-7:30pm
Class No 6451

ONLINE COURSE
ONLINE
Special course fee: $850
Class No 6455

MANAGING STUDENT BEHAVIOR AND CREATING A SAFE & HEALTHY ENVIRONMENT **OCC ED 219**

This course is designed to prepare vocational technical teachers to organize an instructional area that is conducive to high quality learning in a healthy and safe environment. A variety of discipline concepts and strategies will be presented for application in the laboratory, related classroom and cooperative education sites. Current relevant OSHA and child labor law standards will be reviewed and plans for a comprehensive health and safety program will be developed.
3 Credits, Special course fee: $850

ONLINE COURSE
ONLINE
Class No 6457

TEACHING METHODS FOR VOCATIONAL-TECHNICAL EDUCATION: INSTRUCTIONAL STRATEGIES OCC ED 220

This course provides vocational-technical teachers with a wide variety of research-based teaching methods and instructional strategies. Students in this course learn how to develop a unit of study and how instructional choices made by the vocational-technical educator are influenced by learning styles, motivation, and expectations. Students learn how to integrate vocational-technical and academic content by using a balanced instructional approach.
3 Credits, Special course fee: $850

ONLINE
Class No 6458

TEACHING AND ASSESSING THE VOCATIONAL-TECHNICAL LEARNER OCC ED 221

This course provides vocational-technical teachers with the knowledge and tools to instruct and assess the technical, academic and employability skills of vocational students. Students in this course will learn to identify, develop, and model appropriate learning activities and assessments for the vastly divergent student population in vocational-technical education.
3 Credits, Course fee: $687

PLYMOUTH
W 4:00-6:30pm
Class No 6459

WAKEFIELD
Tu 5:00-7:30pm
Class No 6460

ONLINE
Special course fee: $850
Class No 11326

DEVELOPING & IMPLEMENTING A STANDARDS BASED CURRICULUM IN VOCATIONAL-TECHNICAL EDUCATION OCC ED 222

This course provides vocational technical educator candidates with the knowledge of the elements of a quality curriculum. Students learn how to develop a vocational technical curriculum and a competency-based student reporting system that incorporates the standards and performance indicators of the Academic and Vocational Technical Curriculum Frameworks. It is one of the courses required to obtain licensure as a vocational technical educator in Massachusetts.
3 Credits, Course fee: $687

FRANKLIN
Th 3:00-5:30pm
Class No 6462

PLYMOUTH
M 4:00-6:30pm
Class No 6461

WAKEFIELD
Tu 7:30-10:00pm
Class No 13069

ONLINE
Special course fee: $850
Class No 11327

TEACHING METHODS FOR VOCATIONAL-TECHNICAL EDUCATION: TEACHING DIVERSE LEARNERS OCC ED 223

This course provides vocational technical teachers with an understanding of how learning styles as well as issues of language and disability impact instruction and learning. Vocational technical educator candidates will learn to develop a teaching unit that focuses on readiness assessment, use of learning styles, attention to whole brain teaching, interpersonal skills, knowledge, and skill assessment.
3 Credits, Course fee: $687

NEW BEDFORD
Tu 3:00-5:30pm
Class No 6465

PLYMOUTH
Th 4:00-6:30pm
Class No 6463

WAKEFIELD
Th 5:00-7:30pm
Class No 6464

ONLINE
Special course fee: $850
Class No 6466

ADDRESSING THE NEEDS OF STUDENTS WITH DISABILITIES IN VOCATIONAL-TECHNICAL EDUCATION OCC ED 224

This course provides Vocational Technical teachers with an overview of the Federal and State Special Education Laws and Regulations and how they are implemented in schools in Massachusetts. Students learn the elements of the Individual Education Plan (IEP), the roles of special and general educators, how to design curriculum and instruction using the information on the IEP, and how to modify their related classrooms to accommodate students with disabilities.
3 Credits, Course fee: $687

PLYMOUTH
M 6:30-9:00pm
Class No 6467

WAKEFIELD
M 5:00-7:30pm
Class No 6468

ONLINE
Special course fee: $850
Class No 6469

Women's Studies

WOMEN IN GLOBAL PERSPECTIVES **WOST 110**

This interdisciplinary course explores multiple meanings of gender in a transnational world. Topics include: contradictory meanings of traditional femininity across cultures; global media representations of the female body, beauty, sexuality; impacts of colonialism, nationalism, patriarchy, and the global economy on women's work and family lives; women's rights as human rights; and local and transnational feminist activisms.

Distribution I Area: S
Distribution II Area: SB
Diversity Area: International.
3 Credits, Course fee: $687

BOSTON CAMPUS
S 11:45am-2:45pm, W-2-158
Class No 6483

WOMEN'S HEALTH CARE **WOST 260**

This course focuses on women's concerns in relation to health. Topics include health issues unique to women (such as birth control, pregnancy, childbearing); nutrition; occupational health; health and aging; women as health workers; and the history, activities, and influence of the women's health movement.

Prerequisite: There is no prerequisite, but WOST C100 is recommended.
Distribution I Area: S
3 Credits, Special course fee: $850

ONLINE COURSE
ONLINE
Class No 1146

GRADUATE COURSES:

Applied Linguistics

DEGREE PROGRAM: MA IN APPLIED LINGUISTICS (ESL/FL PEDAGOGY CONCENTRATION)

See page 43.

SECOND LANGUAGE ACQUISITION **APLING 625**

Exploring the acquisition of representative language forms or language functions by second language speakers, this course draws on contrastive linguistics for patterns of systematic variation among languages or continua along which languages vary; it also draws on empirical second language research for regularities in learners' performance that reveal how their individual, internal representations of the target language systematically change with meaningful exposure to that language.

3 Credits, Special course fee: $1120

ONLINE COURSE
ONLINE
Class No 12677

Counseling

PRINCIPLES OF VOCATIONAL EDUCATION AND PSYCHOLOGICAL ASSESSMENT **COUNSL 605**

The course provides a survey of standardized tests used in assessing aptitudes, interests, and personality traits. The course covers technical and methodological principles and social, ethical, and legal implications of psychological testing and assessment.

By permission of department.
3 credits, Special course fee: $1120, Lab fee $30

ONLINE COURSE
ONLINE
Class No 12964

CASE MANAGEMENT **COUNSL 610**

This course acquaints students with case management in rehabilitation counseling and with the range of community resources available to the counselor whose goal is the effective and comprehensive rehabilitation of individuals with disabilities. Topics include case finding and case planning, service coordination, and client advocacy activities.

By permission of department.
3 credits, Special course fee: $1120

ONLINE COURSE
ONLINE
Class No 13054

PERSPECTIVES IN CROSS-CULTURAL COUNSELING **COUNSL 653**

This course addresses the role of culture in counseling and psychology by looking both at history and at current issues. Discussions use an interdisciplinary framework to approach the question of counseling in a multicultural society. The course seeks to contribute to both the personal and the professional development of its participants.
By permission of department.
3 Credits, Course fee: $1120

ONLINE COURSE
ONLINE
Class No 6535

SUBSTANCE ABUSE AND THE FAMILY **COUNSL 672**

This course focuses on families with members who are substance abusers and the ways in which these families function. The course explores the methods and resources available for helping such families.
Prerequisite: COUNSL 614. By permission of department.
3 Credits, Course fee: $1120

ONLINE COURSE
ONLINE
Class No 6417

Critical & Creative Thinking

CERTIFICATE PROGRAM: CREATIVE THINKING AT WORK
See page 47.

CREATIVE THINKING **CRCRTH 602**

This course seeks to increase the participants' understanding of creativity, to improve their creative problem-solving skills, and to enhance their ability to promote these skills in others, in a variety of educational settings. Students participate in activities designed to help develop their own creativity and discuss the creative process from various theoretical perspectives. Readings are on such topics as creative individuals, environments that tend to enhance creative functioning, and related educational issues. Discussions with artists, scientists, and others particularly involved in the creative process focus on their techniques and on ways in which creativity can be nurtured.
3 Credits, Special course fee: $1120

ONLINE COURSE
ONLINE
Class No 6422

THE DIALOGUE PROCESS **CRCRTH 616**

Genuine dialogue provides a creative space in which may emerge entirely new ways of thinking, acting, and relating to others. At the heart of such dialogue is holding respect for oneself, for one another, and for a commonly created pool of meaning. Course participants learn and experience approaches to listening and dialogue derived from Buber, Bohm, Isaacs, Jackins, Weissglass, and others, that allow us to become more aware of the underlying beliefs, assumptions, and emotions that limit our thinking and our responses to the world. Discussions explore applications of dialogue processes in educational, organizational, social, and personal change.
3 Credits, Special course fee: $1120

ONLINE COURSE
ONLINE
Class No 5739

CREATIVE THINKING, COLLABORATION, AND ORGANIZATIONAL CHANGE **CRCRTH 618**

Through interactive, experiential sessions and structured assignments students learn critical and creative approaches to working in organizations. Skills addressed include: communication and team-building; facilitation of participation and collaboration in groups; promotion of learning from a diversity of perspectives; problem-finding and solving; and reflective practice. Students apply these skills to situations that arise in business, schools, social change groups, and other organizations with a view to taking initiative and generating constructive change.
3 Credits, Special course fee: $1120

ONLINE COURSE
ONLINE
Class No 1016

Education: Boston Writing Project

THE TEACHER AS WRITER **BWPEDU 501**

Teachers of writing need to first be writers themselves. In this course teachers write and meet in response groups to giveand receive feedback for revision. Reflecting on their ownexperiences as writers, participants then develop newapproaches for teaching and conferring with student writers.
3 Credits, Course fee: $960

BOSTON CAMPUS
F 2:30-5:30pm, W-1-012
Class No 11447

WRITING IN THE CONTENT AREAS (MIDDLE & HIGH SCHOOL) **BWPEDU 510**

This course is designed to address teachers' growing need to teach writing in specific disciplines. Participants will examine developmental learning theory connecting writing and learning, improve their own writing skills, and learn effective practices for teaching writing. Through journals, writing prompts, and reader response methods, participants will integrate theories with practice. They will examine assessment and evaluation methods for measuring students' progress. Applying their knowledge of the Massachusetts Curriculum Frameworks, they will work on interdisiciplinary teams to design units of study that reflect the needs of their school contexts and state standards.

Prerequisite: Graduate degree student.

3 Credits, Course fee: $960

BOSTON CAMPUS
S 8:15-11:15am, W-2-124
Class No 11448

Education: Early Childhood

DEVELOPMENTAL CHARACTERISTICS OF ALL YOUNG LEARNERS **ECHD 611**

This course covers the span of physical, cognitive, social, emotional, and moral development of children from birth through second grade. Implications for curriculum and instruction from brain research findings and their significance for learner differences are explored. The appropriate technical terminology used to convey those concepts is addressed. The significance of the sociocultural and political contexts for the implications of the codifications of development along with the consequences of medical and health access are discussed. The course is delivered utilizing Universal Design for Learning (UDL) level-appropriate strategies and assessments.

By permission of department.

3 credits, Special course fee: $1120

ONLINE COURSE
ONLINE
Class No 13205

Gerontology

DEGREE PROGRAM: MS IN GERONTOLOGY (MANAGEMENT OF AGING SERVICES TRACK)

See page 44.

CERTIFICATE PROGRAM: MANAGEMENT OF AGING SERVICES

See page 48.

HEALTH AND PHYSICAL CHANGES IN AGING **GERON GR 611**

Those who provide and manage services for the elderly, or are involved in public policy and research concerning the elderly, need knowledge about the physical process of aging. This course describes the physiological changes that accompany the aging process and relates these to social and economic factors that influence health status. Discussion topics include issues of prevention, health promotion and health maintenance, and selected disorders that affect health and independent living.

3 Credits, Special course fee: $1120

ONLINE COURSE
ONLINE
Class No 11307

ISSUES IN AGING POLICY **GERON GR 623**

This course introduces students to the development, implementation, and analysis of social policy in the United States on major issues affecting older people. Income security, health care financing, and long-term care receive major attention. Discussions also focus on the programs mandated by the Older Americans Act; and participants examine the major normative, demographic, economic, and political forces that underlie aging policy.

3 Credits, Special course fee: $1120

ONLINE COURSE
ONLINE
Class No 11308

ECONOMIC ISSUES IN AGING POPULATIONS **GERON GR 626**

This course deals with the economic issues raised by aging populations. It begins by introducing population trends and projections, and provides a primer on microeconomic and macroeconomic concepts and analyses. The course then discusses a range of economic issues and some of the major institutions and elements in our society that play important roles in providing people with income and health security: Social Security, private pensions, private savings, public assistance, work, and retirement. Special attention is paid to problems affecting racial and ethnic minorities, women, widows, and the "old old." Emphasis is also given to the potential for productive aging and for economic relationships across generations.

3 Credits, Special course fee: $1120

ONLINE COURSE
ONLINE
Class No 11412

MARKETING OF AGING SERVICES **GERON GR 645**

This course examines marketing principles as applied to aging services organizations. Students will learn about marketing concepts, objectives, and brand names. The course will also explore the current structure of aging organizations in Massachusetts and relate these to current marketing principles and strategies. Students will learn to apply marketing concepts to effectively manage and operate an aging services organization. This course provides students with the opportunity to see how marketing principles and practice come together within the context of various types of aging services organizations in Massachusetts.

3 Credits, Special course fee: $1120

ONLINE
Class No 11309

CAPSTONE PROJECT SEMINAR **GERON GR 691**

The course guides each master's student through the production to completion of a research project and report. Topics include a critique of unresolved issues in analyses of age, cohort, and period effects; an exposition of theoretical developments in social gerontological theory and their application to the issue of social policy and aging; explication of a research project, including interview training; research problem development, implementation of appropriate research methods for specific problems, and how to prepare a written document that describes the design of the project, the results of the analysis, and conclusions.

Prerequistie: GERON 601 and 603. By permission of department.

3 Credits, Course fee: $960

BOSTON CAMPUS
S 9:00am-12:00pm, W-3-125
Class No 11310

Instructional Design

DEGREE PROGRAM: MEd IN INSTRUCTIONAL DESIGN

See page 44.

CERTIFICATE PROGRAM: INSTRUCTIONAL TECHNOLOGY DESIGN

See page 48.

INTRODUCTION TO INSTRUCTIONAL DESIGN **INSDSG 601**

The goal of this course is to provide new and experienced professionals in both corporate and public sectors with the basic theoretical and practical skills needed to design, deliver and evaluate training. Participants will explore the theories of instructional design through readings and practical applications.

3 Credits, Course fee: $960

BOSTON CAMPUS
1/28/08-5/14/08
Th 7:30-9:50pm, H-4-031
Class No 6431

ONLINE
Special course fee: $1120
Class No 6432

THE ADULT AS LEARNER **INSDSG 602**

Students are introduced to the body of knowledge concerning adults as learners. This course focuses on the principles of adult education, learning styles, variables that affect adult learning, motivation techniques, appropriate training methodologies, reinforcement of learning, skill transfer, and measurement procedures for identifying learner characteristics.

3 Credits, Course fee: $960

BOSTON CAMPUS
1/28/08-5/14/08
Th 5:00-7:20pm, H-4-031
Class No 6433

SELECTION AND EVALUATION OF INSTRUCTIONAL MATERIALS **INSDSG 603**

This course analyzes the factors that determine the selection, evaluation, and utilization of materials used in instructional design. It studies the comparative instructional value of a wide range of print and non-print materials. At the end of the course, students will be able to choose materials on the basis of cost effectiveness, technical quality, teaching-learning mode, physical facilities, and availability of equipment.

Prerequisites: INSDSG 601.

3 Credits, Special course fee: $1120

ONLINE
Class No 6434

COMMUNICATION THEORY FOR ORGANIZATIONS **INSDSG 604**

This course focuses on the study of communication as applied to instructional technology, and on theories of media communication. It covers audience variables, systems of media analysis, message structure, environmental factors, and the integration of these elements into an efficient communication model.

Prerequisites: INSDSG 601.

3 Credits, Course fee: $960

BOSTON CAMPUS
1/28/08-5/14/08
Tu 5:00-7:20pm, H-4-031
Class No 6435

WRITING FOR THE BUSINESS PROFESSIONAL **INSDSG 614**

This course is designed to help participants develop writing. It provides both analysis of written documents and a theoretical review of professional writing techniques. Assignments emphasize the writing tasks typically required of training and development specialists in any organization. They include the design, assessment, marketing, and evaluation of instruction. Participants develop the skills for effective communication with those outside the organization, and those at all levels within it.

Prerequisites: INSDSG 601 and Graduate Degree student.

3 Credits, Course fee: $960

BOSTON CAMPUS
1/28/08-5/14/08
Th 5:00-7:20pm, H-LL-19A
Class No 6437

PRODUCTION OF COMPUTER-BASED TRAINING INSDSG 616

This course provides an introduction to creating interactive multimedia instruction. The class will use a combination of tutorial lab exercises and assignment so students can gain experience in structuring computer-based training programs, create interactions and integrate media. Digital graphics and audio production techniques will also be included in this course.

3 Credits, Special course fee: $1120

ONLINE
Class No 6438

ASSESSMENT IN THE INSTRUCTIONAL DESIGN PROCESS INSDSG 618

This course examines assessment in all phases of the instructional design process including needs analysis and the various stages of formative and summative evaluation. Topics include various types of data, techniques for data gathering, the construction of such instruments as questionnaires, a hands-on review of computer programs, and characteristic issues in the analysis and interpretation of assessment. The course also offers practical experience in the use of representative measures and applications.

Prerequisites: INSDSG 601 and Graduate Degree student.

3 Credits, Special course fee: $1120

ONLINE
Class No 6440

WORKPLACE EDUCATION: THEORY AND PRACTICE INSDSG 632

This course introduces workplace education through the study of organizational and human resource development. Emphasis is on managing productive change by using tested theory in actual workplace situations.

Prerequisites: INSDSG 601 and Graduate Degree Student.

3 Credits, Course fee: $960

BOSTON CAMPUS
1/28/08-5/14/08
Th 7:30-9:50pm, H-LL-19A
Class No 6441

PLANNING AND DESIGN OF EDUCATIONAL MULTIMEDIA PROGRAMS INSDSG 640

This course provides an overview of the process of designing interactive multimedia instruction. Since instructional multimedia is created and delivered in a technical environment, the course covers a combination of technical and non-technical topics. We will discuss the technical environment and tools used to create and deliver multimedia instruction; the technical requirements and educational value of various media elements; how to structure multimedia experiences and how to plan multimedia projects.

3 Credits, Special course fee: $1120

BOSTON CAMPUS
1/28/08-5/14/08
Tu 7:30-9:50pm, H-4-031
Class No 5741

PROJECT IN MULTIMEDIA INSDSG 655

Students work with UMass Boston faculty, teachers in cooperating schools, or sponsoring corporations to make a prototype multimedia application or to produce a planning document for multimedia implementation in the client organization. Students may participate in projects pre-arranged by the instructional technology staff or may generate their own, working individually or in a team.

Prerequisites: INSDSG 601, 617 and Graduate Degree student.

3 Credits, Course fee: $1120

ONLINE
Class No 1046

CAPSTONE SEMINAR INSDSG 690

The course provides guidance and a structured environment in which students develop advanced instructional design skill in the context of their capstone project. Based on the nature and complexity of the students' projects, the course deals with such topics as: component display analysis; needs assessment data, analysis and reporting techniques; cognitive flexibility theory; competencies modeling; and self-directed/learner-centered strategies. Students who have completed eight or more requirements for the Instructional Design MEd should enroll in this course.

3 Credits, Course fee: $960

BOSTON CAMPUS
By arrangement
Class No 1047

INDEPENDENT STUDY INSDSG 696

The comprehensive study of a particular topic or area in instructional design, as determined by the needs of the individual student. The student works under the guidance and supervision of the instructor.

3-6 Credits, Course fee: based on credits taken

BOSTON CAMPUS
By arrangement
Class No 6442

DESIGNING FOR INCLUSION: INTRODUCTION TO ACCESSIBLE, TECHNOLOGICALLY MEDIATED INSTRUCTION INSDSG 697

An advanced course offering intensive study of selected topics in instructional design. Course content varies according to the topic and will be announced prior to registration.

Prerequisite: INSD 601 or permission of instructor.

3 Credits, Special course fee: $1120

ONLINE
Class No 13065

INTERNSHIP INSDSG 698

The internship is a culminating experience in which the student assumes responsibility for an instructional design and technology project. The student works under the guidance and supervision of both the instructor and the organization for which the project is to be done.

3-6 Credits, Course fee: based on credits taken

BOSTON CAMPUS
By arrangement
Class No 6443

Nursing

CERTIFICATE PROGRAM: GERONTOLOGICAL/ADULT & FAMILY NURSE PRACTITIONER (POST-MASTER'S CERTIFICATE)
See page 48.

ADVANCED PATHOPHYSIOLOGY **NURSNG 614**

This course focuses on the analysis, interpretation, and evaluation of pathophysiological processes throughout the lifespan. Relevant research is integrated into evidenced-based nursing practice.

Prerequisite: Permission of program director. Please contact margaret.mcallister@umb.edu

3 Credits, Special course fee: $1120

ONLINE
Class No 1107

THE ROLE OF THE ADVANCED PRACTICE NURSE **NURSNG 631**

The historical development, scope, and functional roles of the advanced practice nurse are analyzed. Students examine the dynamic relationships among professional organizations, health care trends, and health care policy as they influence the need for advanced practice nursing. Emphasis is placed on acquiring the knowledge and skills to assume leadership roles in the health care system. Related health professions theories, research, and opportunities for implementing changes are emphasized. Critical thinking, group dynamics, leadership skills, and role of the APN as educator are studied and modeled in classroom experiences and course assignments.

Prerequisite: Permission of program director. Please contact margaret.mcallister@umb.edu.

3 Credits, Special course fee: $1120

ONLINE
Class No 5792

PHARMACOLOGY FOR ADVANCED PRACTICE NURSES **NURSNG 634**

The course focuses on the role of advanced practice nurses in applying pharmacotherapeutics to the management of health and illness in populations at risk for morbidity and mortality. Students acquire advanced knowledge as a foundation for prescribing and monitoring pharmaceutical and alternative therapeutic agents. Emphasis is placed on synthesis of pharmacokinetics and pharmacodynamics principles for the prevention and treatment of acute and chronic illnesses. Evidence-based outcomes, consensus guidelines, and research studies are critiqued. Ethical, legal, and risk-management issues are discussed.

Prerequisite: Permission of program director. Please contact margaret.mcallister@umb.edu.

3 Credits, Special course fee: $1120

ONLINE
Class No 6449

MENTAL AND PSYCHOSOCIAL HEALTH PROBLEMS **NURSNG 637**

Multicultural individuals and families at risk for mental and psychosocial problems are considered within the context of urban living. Nursing theory and research is applied to developing processes of care for individuals across the life span with mental health and psychosocial problems. Students learn evidence-based care including cognitive-behavioral, psychopharmacological, and non-traditional approaches to psychosocial and related physical problems. Research related to environmental, psychosocial, genetic, economic, family systems, developmental risk factors, drug efficacy, and nonpharmacological approaches for individuals with mental and psychosocial illness is investigated. The impact of contemporary health care policy and legislative proposals on quality, cost, and access to care is investigated.

By permission of program director. Please contact margaret.mcallister@umb.edu.

3 Credits, Special course fee: $1120

ONLINE
Class No 1108

PRIMARY CARE OF OLDER ADULTS **NURSNG 671**

This course focuses on the health care issues and needs of elders across the care continuum of acute, chronic, community, and long-term-care settings. Aspects of physical, emotional, and social aging across the lifespan are explored utilizing various theoretical perspectives and models. The assessment, teaching-coaching, and management roles of the advanced practice gerontological nurse in relation to acute and chronic health conditions of the older adult are emphasized. The complex interplay of the political, economic, legal, and ethical factors that influence health care delivery to older adults is examined.

By permission of program director. Please contact margaret.mcallister@umb.edu.

3 Credits, Special course fee: $1120

ONLINE
Class No 1109

PRIMARY CARE OF THE CHILDBEARING FAMILY **NURSNG 681**

Students integrate research from the pathophysiological, behavioral, social, and nursing sciences. The primary care needs of multicultural families in urban communities are addressed. Problems of women, infants, and children are analyzed within a family nurse practitioner framework for practice. Evidence-based laboratory, diagnostic, therapeutic, and pharmacological plans of care are applied to problem management. Emphasis is placed on developing advanced competence in the management of common health and illness. Health policies, including cost, quality, access to care, and evaluation and management guidelines for reimbursement, are integrated throughout the course.

By permission of program director. Please contact margaret.mcallister@umb.edu.

3 Credits, Special course fee: $1120

ONLINE
Class No 1110

PRIMARY CARE OF THE FAMILY PRACTICUM III AND CAPSTONE **NURSNG 682**

Students further refine skills in critical thinking in the application of theory and research to practice. Assessment, diagnostic, therapeutic, and health teaching strategies are applied to a continuum of health promotion/illness problems with a focus on the primary care of women, infants, and children. Seminars are grounded in learning the application of theory and research to the domains of practice of the family nurse practitioner, including the management of patient health and illness and the teaching-coaching function of the nurse practitioner and ensuring the quality of health care practices. Interdisciplinary collaborative practice skills are developed. Students develop role competencies under the supervision of nurse practitioner preceptors and faculty in urban health care settings.

By permission of program director. Please contact margaret.mcallister@umb.edu

6 Credits, Special course fee: $2240; lab fee: $55

ONLINE COURSE

ONLINE
Class No 5748

Public Affairs

CERTIFICATE PROGRAM: WOMEN IN POLITICS AND PUBLIC POLICY

See page 49.

UNDERSTANDING PUBLIC POLICY **PAF G 697**

This introductory course examines the formulation, implementation, and impact of public policy (the 'nuts and bolts') as well as values and principles that influence policy debates in the United States. This course is designed for those seeking to expand their understanding of public policy issues through peer-to-peer activities that will help develop key policy-related skills and competencies in a highly interactive learning environment. Using case studies in addition to foundational readings, we will focus on several major policy areas with an emphasis on social welfare issues including health care, education, and economic security. We will also explore the significance of race, gender and social class in the practice of politics and policymaking. Several fundamental questions will guide our exploration: What is the role of government in American society? What are key elements of public policy processes at local, state and national levels? How do values and principles impact public policy debates? How can individuals and groups effectively influence policy formation? To what extent is the policy process open, fair and democratic? How do race, gender and social class figure into politics and policymaking?

3 credits, Special course fee $1120

ONLINE COURSE

ONLINE
Class No 13206

Spanish

ASSESSING FOREIGN-LANGUAGE LEARNERS **SPAN 512**

Designed for pre-service and in-service teachers, this course will provide an indepth study of different types of assessment, emphasizing performance assessment and the achievement of standards. Explicit connections to the Massachusetts Curriculum Frameworks for Foreign Languages and the National Standards for Foreign Language Learning will be made. The format of the course will be interactive discussion sessions with topics drawn from reading assignments. Students will gain practice in designing assessments and accompanying rubrics, projects, and portfolios, as well as self-assessment tools.

3 Credits, Special course fee: $1120

ONLINE COURSE

ONLINE
Class No 11340

CITIES OF LIGHTS AND SHADOWS: URBAN EXPERIENCES IN LATIN AMERICA **SPAN 516**

This course, taught entirely in Spanish with occasional readings in English, is specifically designed for pre-service and in-service teachers of Spanish. It will examine various representations of the city in Spanish-American literature. In so doing, the course will prepare teachers to develop connections between course content and the Massachusetts Curriculum Frameworks for Foreign Languages and the National Standards for Foreign Language Learning. This class will provoke a comparison between urban experiences in Latin America and similar experiences in the United States. It will also include an overview of the main moments in Spanish American Literature when cities came to represent social, economic, and demographic tensions that redefined national and regional identities. The class also includes a unit on the literature of Hispanic people in the US, since the urban experience is a central theme to this literature.

3 Credits, Special course fee: $1040

BOSTON CAMPUS
F 6:00-9:00pm, W-1-010
Class No 11341

Online Courses

Our online courses have been developed by UMass Boston faculty and use the WebCT Vista course management system.

A list of online courses available this semester can be found on pages 12-13. Descriptions and schedule information for these courses are available in the main course listings where online courses are marked with the symbol at left.

You can register for these courses just as you would for any other credit course, using the registration form on page 60, following the instructions on page 3; if you register by mail or fax, please be sure to clearly print your email address.

Registered online students will receive a confirmation of registration in the mail AND a notification about a week before the course is due to start, giving password, Login ID and location of the login gateway website. This notification will come as an email to the student's UMass Boston email account.

Our online courses mostly follow a thirteen-week schedule. More information can be found in the Academic Calendar (inside front cover).

As an enrichment of the online learning experience, each of these courses will include either two on-campus class meetings or two synchronous chat sessions, to be scheduled at the convenience of the students and instructor. Students unable to attend will be given alternative opportunities.

Please be sure to read information about online learning at ccde.umb.edu/dl.

FURTHER INFORMATION

If you need further information about UMass Boston online courses, contact Kitty Galaitsis (617.287.7918; katharine.galaitsis@umb.edu) or visit ccde.umb.edu/dl.

Videoconferencing (ITV) Courses

These courses are offered in a videoconferencing format, by which students at remote sites may participate in a lecture class via real-time two-way video, with the technical assistance of UMass Boston's Video Production/ Distance Learning Center. If your organization is interested in having courses delivered to a remote location by videoconferencing technology, please contact Kitty Galaitsis (617.287.7918; katharine.galaitsis@umb.edu).

Online Degree and Certificate Programs

Several of our degree and certificate programs can be completed entirely or primarily through online study, including the following:

DEGREE PROGRAMS

- MA in Applied Linguistics, ESL & FL Pedagogy Concentrations
- MS in Family Therapy Counseling
- MS in Mental Health Counseling
- MS in Rehabilitation Counseling
- MEd in School Guidance Counseling
- MS in Gerontology (Management of Aging Services Track)
- MEd in Instructional Design
- MEd in Special Education: Orientation and Mobility
- MEd in Special Education: Teacher of Students with Visual Impairments
- BS in Nursing for Registered Nurses
- Online Degree Completion Program (BA in Community Studies)

UNDERGRADUATE CERTIFICATES

- Frank J. Manning Certificate in Gerontology
- Fundamentals of Information Technology

GRADUATE CERTIFICATES

- Critical & Creative Thinking (Focus on Creativity at Work)
- Gerontological/Adult and Family Nurse Practitioner (NP) Post Master's Certificate
- Gerontology (Focus on Management of Aging Services)
- Instructional Technology Design
- Instructional Technology for Educators
- Orientation and Mobility

PROFESSIONAL TRAINING PROGRAMS (NON-CREDIT)

- Alcohol/Chemical Dependency Treatment Services
- Human Resource Management
- Improved Communications for Leaders and Professionals
- Project Management
- Urban Landscape & Garden Development

Further information about these programs is available on pages 50-52.

More Online Learning Opportunities: umassonline.net

Online courses from throughout the University of Massachusetts system can be accessed through UMassOnline, your gateway to the UMass world of excellent and affordable online education. For more info, please visit: umassonline.net.

CCDE Degree and Certificate Programs

Each of the undergraduate and graduate programs described on pages 42-49 leads to a degree or certificate granted by one of the University's colleges. The requirements for these programs can be fulfilled either entirely or in part through courses offered by the Division of Corporate, Continuing and Distance Education.

These degree and certificate programs serve a multitude of needs for a variety of participants: undergraduate and graduate students, working professionals who need to update or expand their qualifications, and those seeking to pursue a new career path.

Please note that students enrolling in a UMass Boston degree or certificate program pay a one-time Combined New Student Fee of $345.

FINANCIAL AID SERVICES

Through UMass Boston's Office of Financial Aid Services, grants, loans and part-time employment are available to eligible students enrolled in degree and approved certificate programs. Applicants are encouraged to apply early, as funds are limited. Once an application for aid is submitted at www.fafsa.ed.gov, each applicant is considered for all forms of aid available through Financial Aid Services.

All eligible students are considered fairly and equally, without regard to race, color, sex, age, religion, national origin, sexual orientation, disability, or veteran status.

For more information about Financial Aid Services at UMass Boston, please go to our web site at

www.umb.edu/students/financial_aid

For information about employment opportunities for students, please refer to

www.umb.edu/students/employment/.

DEGREE PROGRAMS

- MA in Applied Linguistics: ESL & FL Pedagogy Concentrations
- MS in Family Therapy Counseling
- MS in Mental Health Counseling
- MS in Rehabilitation Counseling
- MEd in School Guidance Counseling
- MS in Gerontology (Management of Aging Services Track)
- MEd in Instructional Design
- MEd in Special Education: Orientation and Mobility
- MEd in Special Education: Teacher of Students with Visual Impairments
- BS in Nursing for Registered Nurses
- Online Degree Completion Program (BA in Community Studies)

UNDERGRADUATE CERTIFICATES

- Frank J. Manning Certificate in Gerontology
- Fundamentals of Information Technology
- Geographic Information Technologies
- Human Service Practice
- Spanish Court Interpretation
- Spanish/English Translation

GRADUATE CERTIFICATES

- Applied Behavioral Analysis
- Critical & Creative Thinking (Focus on Creativity at Work)
- Database Technology
- Dispute Resolution
- Forensic Services
- Gerontology (Focus on Management of Aging Services)
- Gerontological/Adult and Family Nurse Practitioner
- Instructional Technology Design
- Instructional Technology for Educators
- Orientation and Mobility
- Teaching of Spanish
- Teaching of Writing
- Women in Politics and Public Policy

DEGREE PROGRAMS

MA in Applied Linguistics: English as a Second Language & Foreign Language Pedagogy Concentrations

AVAILABLE ONLINE

This 30-credit program focuses on the acquisition of English as a second or subsequent language, as well as cross-cultural relationships and interethnic communication. Its interdisciplinary core curriculum includes courses in basic and contrastive linguistics, psycholinguistics, sociolinguistics and cross cultural perspectives, together with courses on teaching methodology for elementary, secondary, and adult education programs. The on-line program will offer a minimum of four courses each semester. Because students' day and time constraints are not an issue for on-line teaching, those offerings will allow students to complete within four semesters of matriculation the ten courses required for the degree. Thirty graduate units are required of all degree candidates.

For more information, call 617.287.6000 or email enrollment.info@umb.edu.

MS in Family Therapy Counseling

AVAILABLE ONLINE

The Online MEd program in Family Therapy is committed to a vision of strengthening healthy families by preparing ethical and qualified professionals who embrace an inclusive perspective of interconnected systems. The curriculum is comprised of basic professional counseling content and theory and provides a comprehensive framework for learning family therapy. It meets the academic and clinical requirements for accreditation from the Commission on Accreditation for Marriage and Family Therapy Education (COAMFTE). The courses lead students to view families as entities within larger social systems and promote collaborative, inclusive, and integrative systems approaches. The curriculum offers students in the family therapy track an optimal perspective for supporting individuals, families, and communities in urban environments, and provides them with a framework for developing skills to facilitate dialogue with marginalized individuals, families, and communities. Courses are completed online over a 3-year period; during the second summer, two on-campus courses are completed, lasting two weeks.

For more information, contact Amy Cook at 617.287.7661 or email medcounseling@umb.edu.

MS in Mental Health Counseling

AVAILABLE ONLINE

The Department of Counseling and School Psychology is offering a master's degree in Mental Health Counseling primarily online. It is a 60-credit master's which meets the academic requirements for licensure in the state of Massachusetts as a Mental Health Counselor (there are additional post graduate clinical experience requirements for licensure). Students complete a series of general counseling courses and courses specific to mental health counseling. In addition, students complete field experiences in mental health settings through practicum and internship. The field experiences may be completed in local agencies of program students and they will be supervised via conference calls and online chats.

For more information, contact Amy Cook at 617.287.7661 or email medcounseling@umb.edu.

MS in Rehabilitation Counseling

AVAILABLE ONLINE

The Department of Counseling and School Psychology is offering a master's degree in Rehabilitation Counseling primarily online. It is a 60 credit master's which meets the academic requirements for national certification as a Certified Rehabilitation Counselor. The Program is nationally accredited through the Council on Rehabilitation Education. Students must attend a two week session in late June and early July where they take two clinically based courses. Also, students complete a series of general counseling courses and courses specific to rehabilitation counseling. In addition, students complete field experiences in rehabilitation counseling settings through practicum and internship. The field experiences may be completed in local agencies of program students and they will supervised via online chats. Scholarships are available for qualified students.

For more information, contact Amy Cook at 617.287.7661 or email medcounseling@umb.edu.

MEd in School Guidance Counseling

AVAILABLE ONLINE

The Department of Counseling and School Psychology is offering a master's degree in School Guidance Counseling primarily online. It is a 60-credit master's which meets the academic requirements for certification in the state of Massachusetts as a Guidance Counselor. Students complete a series of general counseling courses and courses specific to guidance counseling. In addition, students complete field experiences in school settings through practicum and internship. The field experiences may be completed in local schools of program students and they will be supervised via conference calls and online chats.

For more information, contact Amy Cook at 617.287.7661 or email medcounseling@umb.edu.

MEd in Special Education: Orientation and Mobility

AVAILABLE ONLINE

The Department of Curriculum and Instruction is offering a Masters of Education degree in Special Education with a Specialization in Orientation and Mobility. The 37-credit online graduate curriculum and resulting degree is regionally accessible across the six New England States with locally-based field experience coordinated throughout the two-year program of study. Students completing the 37-credit web-based curriculum are eligible to sit for the National Professional Certification Examination of the Academy for Certification of Vision Rehabilitation and Education Professionals. Orientation and Mobility Specialists teach safety and confidence in independent travel skills to both children and adults with vision loss.

Note: This program is offered pending university approval.

SCHOLARSHIPS
This program currently offers partial scholarship support through the Federal Office of Special Education.

For further information visit the Northeast Regional Center for Vision Education website: www.nercve.umb.edu or contact the Orientation and Mobility Program office at 617.287.7584 or 617.287.4385.

MEd in Special Education: Teacher of Students with Visual Impairments

AVAILABLE ONLINE

The Department of Curriculum and Instruction is offering a Masters of Education Degree in Special Education leading to state licensure as Teacher of Students with Visual Impairments. The 37-credit online graduate curriculum and resulting degree is regionally accessible across the six New England States with locally-based field experience coordinated throughout the two year program of studies. Students completing Massachusetts Department of Education licensure requirements are able to apply for reciprocal licensure in each of the six New England States and each state participating in the NASDTEC interstate licensure agreement. Massachusetts requires demonstrated competency through examination in Literacy, Foundations of Teaching Reading, and General Curriculum for Elementary Education. Additional course work is available to support students needing assistance in these areas.

Note: This program is offered pending university approval.

SCHOLARSHIPS
This program currently offers partial scholarship support through the Federal Office of Special Education.

For further information visit the Northeast Regional Center for Vision Education website at www.nercve.umb.edu or contact the teacher of students with visual impairments program office at 617.287.7595 or 617.287.4385.

MS in Gerontology (Management of Aging Services Track)

AVAILABLE ONLINE

The Management in Aging Services Track offers students an advanced degree in the growing field of long-term care. This is a new program that will afford professionals in the aging network the opportunity to broaden their perspectives and develop management skills. Students will develop skills in policy development and analysis, program management, administration, and finance with a focus on the aging population. The program requires 30 credit hours, or 10 courses (eight required courses and two electives). Courses will be offered either online or in interactive television (ITV) format. A graduate certificate may be earned by taking 15 hours of relevant course work.

For more information about the program and admissions requirements, call 617.287.6000 or email enrollment.info@umb.edu.

MEd in Instructional Design

AVAILABLE ONLINE

UMass Boston's MEd Program in Instructional Design offers a practical master's degree that is ideal for career professionals engaged in the education, training, and development of adult learners in the workplace. The 36-credit program combines a total of 12 courses and submission of a thesis or capstone project. An independent study and a field experience may be included. Students complete 5 required courses and choose electives from other offerings within the program or from a wide range of graduate offerings throughout the university.

For more information, call 617.287.6000 or email enrollment.info@umb.edu.

BS in Nursing for Registered Nurses

AVAILABLE ONLINE

The online Bachelor of Science in Nursing for RNs maximizes accessibility and convenience for highly motivated, independent professionals. There is, however, a requirement that students attend a residential orientation prior to the commencement of the online Nursing classes; additional residential time is required for four hours during the Health Assessment and Promotion course. Students from out of state should contact the program office to discuss arrangements for completing these requirements at a distance. The Nursing course portion of the program operates on a cohort model, whereby a group of students completes the same program of study over five semesters. The six-credit nursing courses are taught online in the Summer, Fall and Spring sessions. The twenty units of non-nursing general education and elective courses may be satisfied through the Division of Corporate, Continuing and Distance Education (CCDE) with online courses (if available), in a traditional course at UMass Boston, or (with prior approval from the College of Nursing and Health Sciences) at another accredited college or university.

For more information about the program and admissions requirements, call 617.287.6000 or email enrollment.info@umb.edu.

Online Degree Completion Program (BA, Community Studies)

AVAILABLE ONLINE

The Online Degree Completion Program allows returning students a flexible and convenient way to finish their degrees. This 30-unit (ten-course) program offers returning students with 90 or more credits the opportunity to earn a Bachelor of Arts in Community Studies—totally online. The requirements for this program have been packaged in such a way that you will benefit from a well-rounded and integrated learning experience that also affords you maximum credit for previously completed coursework no matter what your previous major or area of study. You'll enjoy a program of study that provides a solid foundation in academic skills, as well as an interdisciplinary content focused on contemporary issues in public policy, social sciences and applied liberal arts. This special Community Studies plan is an academically challenging program which examines human communities, their histories and cultures, their identities and values, institutions and economies, as well as their problems and prospects. The content and method of this program are drawn from the social sciences as well as the liberal arts, public policy, ethnic studies and global studies.

For additional program and contact information, call 617.287.6000 or email enrollment.info@umb.edu.

UNDERGRADUATE CERTIFICATES

Frank J. Manning Certificate in Gerontology

AVAILABLE ONLINE

This 18-credit, four course certificate program is designed for individuals currently working in or new to the field of Gerontology. This program provides students with an understanding of the aging network and aging process through direct service, research, field placements and advocacy. The Frank J. Manning Certificate in Gerontology is fully integrated with the core curriculum of the UMass Boston College of Public and Community Service's undergraduate program in Gerontology. Both programs are designed to help those interested in the field of Gerontology to augment their current knowledge and skills and to pursue a rewarding career built around issues of aging and public service.

For more information, contact Mary St. Jean at 617.287.7330 or email mary.stjean@umb.edu.

Fundamentals of Information Technology

AVAILABLE ONLINE

The Certificate in Information Technology (CIT) is an introductory program into the information systems discipline. It covers concepts fundamental to the technology and operation of modern information systems, focusing on techniques, tools and methods used today in the development and use of computer-based applications. The program is intended for non-College of Management or non-degree seeking students. Course work involves 6 courses (18 credit hours) after completion of MSIS-IT 105 (Introduction to Computers and Information Systems). Students who complete the program will earn a certificate from the College of Management. Courses for this program will be offered in a mixture of online and on-campus formats.

For more information, contact Deborah Boisvert (tel 617.287.7295, email deborah.boisvert@umb.edu) or visit ccde.umb.edu/certificates.

Geographic Information Technologies

This 18-credit certificate program is intended for professionals in all fields who deal with geographical data requiring spatial analysis—for example, environmental scientists, health researchers, or marketing/sales professionals. The certificate comprises courses that teach the concepts, principles, techniques and applications of computer and analytical cartography, remote sensing and digital image processing, Geographic Information Systems (GIS), Global Positioning Systems (GPS), and digital or softcopy photogrammetry. Currently it concentrates in three areas: cartography, remote sensing and GIS.

Note: This program is not currently accepting new students.

Human Service Practice

This 18-credit certificate program is designed for human service practitioners, affording them an opportunity to participate in courses that are directly related to their work and to apply their learning directly to their practice. Students will apply a professional orientation to the context and core values of human service practice, examine different theoretical models of practice, apply them to their own practice, and establish their own best practices in human service intervention and case management. Students will also have the opportunity to build their academic skills, including critical reading, research, and academic and professional writing.

The program is delivered over a three-semester period. Each semester, students will enroll in one course that addresses two different competencies from the human service curriculum at the College of Public and Community Service (CPCS).

For additional program and contact information, visit ccde.umb.edu/certificates.

Spanish Court Interpretation

This intensive six-credit undergraduate certificate program has been specially designed to provide qualified applicants with an introduction to professional court interpretation. The program teaches the fundamentals of theory and practice through classroom discussion and activities, as well as through intensive laboratory exercises designed to develop interpreting proficiency. The program is tailored for both novice and practicing interpreters, as well as for qualified students. Applicants with little or no experience in interpreting will benefit from extensive laboratory practice, in-class discussion and exercises. Students will devote additional time in visits to court in order to fulfill course related assignments.

For more information, or to apply, contact Peggy Fitzgerald (tel 617.287.7550; email margaret.fitzgerald@umb.edu) or visit ccde.umb.edu/certificates.

Spanish/English Translation

This two-semester, 12-credit certificate program has been designed to meet the increasing local, national, and international demand for professionals, educators, and students interested in meeting the challenges of modern multicultural, multilingual societies. Participants will explore the history, principles, theory, and practice of oral and written translation. They will practice the techniques of legal, medical, technical, general, and literary translation and learn to use specialized dictionaries and other essential reference materials. They will also improve their knowledge of English and Spanish syntaxes, morphologies, and semantic systems.

The program begins in the fall semester and concludes in the spring semester. It comprises two six-credit courses: SPAN 408, Advanced Techniques and Skills for Translation, and SPAN 409, Advanced Practice of Translation.

For more information, or to apply, contact Peggy Fitzgerald (tel 617.287.7550; email margaret.fitzgerald@umb.edu) or visit ccde.umb.edu/certificates.

GRADUATE CERTIFICATES

Applied Behavioral Analysis

AVAILABLE VIA ITV

This five-course graduate sequence, offered via ITV at specific sites as well as at the UMass Boston Campus, is designed to enable students to serve as effective practitioners who can assess, design, implement and evaluate applied behavior analysis (ABA) programs by providing them with the knowledge, concepts and skills of basic ABA principles, ethical considerations, generalization strategies, and application to special populations and settings. Students will receive guided practice with each course's content by developing a Case Study that may be course-specific, or continue across several courses. Successful completion of all four courses will meet the coursework requirement to sit for the national Behavior Analyst Certification Board licensing examination.

For more information, contact Mary Brady (tel. 617.287.7254; email mary.brady@umb.edu) or visit ccde.umb.edu/certificates.

Creative Thinking at Work

AVAILABLE ONLINE

This 15-credit graduate certificate in Critical and Creative Thinking trains people to tackle challenging real-life problems, generate new ideas, and take them through to realization in their various educational, professional, artistic, and social settings. A variety of approaches are introduced to invention, dialogue, listening, and teamwork that promote creativity. Certificate students learn to confront ambiguous and complex problems, reflect deeply and bring insights to the surface, transform the giving of feedback into a mutual learning experience, build relationships of trust and enthusiastic acceptance of diverse perspectives, articulate a practical vision, and collaborate in bringing it to fruition. CCT Certificate students take two core courses, three elective courses, and complete an exit performance as part of one of the courses taken. CCT Master's students, graduate students from other programs, advanced undergraduates, and special students are welcome to enroll in individual courses. Note: MA students must get permission from their advisor before registering for online courses and will not be permitted to count more than four online courses from UMass Boston towards their degree.

For more information, contact Peter Taylor (tel 617.287.7636, email cct@umb.edu) or visit ccde.umb.edu/certificates/cct.

Database Technology

This 12-credit certificate program is geared towards programmers and software professionals who wish to acquire a systematic education in database technology. It provides a solid anchoring in state-of-the-art database technology and trains students to become database application developers or database administrators. A bachelor's degree is required. The candidates should have substantial programming experience; knowledge of databases is not expected.

For more information, contact Elaine Sullivan (tel. 617.287.7915; email elaine.sullivan@umb.edu) or visit ccde.umb.edu/certificates.

Dispute Resolution

The 18-credit Graduate Certificate in Dispute Resolution is intended for people whose employment requires them to cope with conflict, and who feel that training in negotiation, mediation, or designing conflict resolution mechanisms would be useful. The curriculum focuses on conflict in communities, and in organizations such as state and local government, hospitals, labor groups, universities, courts, corporations, and schools.

The program comprises four three-credit courses and the six-credit mediation internship. All courses are taught and supervised by UMass Boston faculty with extensive mediation experience. With approval from the department, units earned in the certificate program can be applied toward the Master of Arts in Dispute Resolution.

Note: This program is not currently accepting new students.

Forensic Services

Intended for criminal justice and mental health professionals, this 16-credit graduate certificate program is designed to provide a strong grounding in behavioral sciences, while at the same time offering practical skills and competencies in mental health and criminal justice, which will enable students to serve as effective professionals in a variety of social service environments. Forensic Services broadly encompass criminal investigation, social science research, law, and the workings of related social service systems.

For more information, contact Elaine Sullivan (tel. 617.287.7915; email elaine.sullivan@umb.edu) or visit ccde.umb.edu/certificates.

Gerontological/Adult and Family Nurse Practitioner (NP) Post Master's Certificate Programs

AVAILABLE ONLINE

This 12- or 21-credit certificate program is designed to assist RNs who have an MS degree in nursing to acquire the knowledge and clinical experience that will prepare them to sit for a gerontological, adult, or family nurse practitioner certification examination. Nurses holding current NP certification in adult primary care with 2 or more years of experience may apply for the 12-credit gerontological option or the 12-credit family option. RNs who have an MS in nursing from an accredited institution and 2 years experience in advanced practice nursing may apply for the 21-credit certificate program. Prerequisites include evidence of graduate course work in advanced health assessment, advanced pathophysiology and advanced pharmacology. Applicants who have not yet completed these prerequisites should consult the College of Nursing and Health Sciences course schedule.

For more information, contact Margaret McAllister (tel 617.287.7543, email margaret.mcallister@umb.edu), or visit ccde.umb.edu/certificates/nursepractitioner.

Gerontology (Focus on Management of Aging Services)

AVAILABLE ONLINE

The Gerontology Graduate Certificate with a focus in management of aging services is targeted to individuals in the aging network who are looking to upgrade their skills or advance in new directions within the field or for those looking to enter the field. The emphasis will be on making this an easily accessible program through use of regional video teaching sites and online courses. Class scheduling will reflect the needs of a working student population. The certificate may be earned by taking 15 hours of approved course work, including three required courses and two elective courses. Students will have the option of applying these 15 hours toward the 30-hour Management of Aging Services Master's degree program, see page 44.

For more information, contact Lillian Glickman (email lillian.glickman@umb.edu) or Ellen Birchander (tel 617.287.7338; email ellen.birchander@umb.edu). Also, please visit ccde.umb.edu/certificates/gerontology.

Instructional Technology Design

AVAILABLE ONLINE

This 15-credit graduate certificate program is designed to meet the increasing challenges created by the high technology training needs of academic, corporate, and public educators. It is intended for instructional designers, training professionals and instructional technologists responsible for the design, development and management of technology-based learning programs. Educators will also find that the coursework in this program will enable them to better serve their audience. Coursework will include a balance of instruction and discussion, lab time and design teams producing multimedia projects.

For more information, call 617.287.6000; email instructionaldesign@umb.edu or visit ccde.umb.edu/id/certificate.

Instructional Technology for Educators

AVAILABLE ONLINE

This 15-credit certificate from the Graduate College of Education is designed for in-service teachers who do not seek a master's degree at this time or for those who have already earned an advanced degree. The purpose of the Certificate is to prepare teachers to meet the National Technology Standards of the International Society of Technology and the Performance Indicators for Teachers and the Massachusetts Recommended PreK-12 Instructional Technology Standards. In addition, the coursework is designed to meet the subject knowledge competencies of the Massachusetts Instructional Technology licensure. Graduates of the program will develop a comprehensive performance-based technology foundation that reflects fundamental concepts and skills for using technology to support teaching and learning.

For more information, please contact Chenfeng Zhang (tel 617.287.7674, email chenfeng.zhang@umb.edu), or visit ccde.umb.edu/certificates/ite.

Orientation and Mobility

AVAILABLE ONLINE

The Certificate Program in Orientation and Mobility (O/M) is a graduate-level sequence of 19 units offered through the Graduate Special Education Program for those individuals interested in obtaining certification in O/M from the Association for Education and Rehabilitation of the Blind and Visually Impaired (AER). The certificate program is designed for vision teachers or other vision professionals to provide the specialized assessment and instructional skills needed by teachers to enable children and/or adults with visual impairments to function safely and confidently in a variety of environments while effectively using their remaining senses to orient themselves.

For more information, please contact Robert McCulley, M.Ed., Program Coordinator, at 617.287.7623, or Glenn Mitchell, Ph.D., Academic Advisor, at 617.287.7620.

Teaching of Spanish

This 18-credit graduate certificate program has been designed to address the needs of pre-service and in-service teachers who need to improve or enhance their skills in the field of Spanish.

The certificate offers a flexible course of study combining both new and traditional methods of teaching the Spanish language with presentations of geographic and cultural material that reflect the traditions that make up today's Spanish speaking worlds. The certificate program also introduces the latest uses of technology in the classroom and methods of assessment.

For more information, or to apply, contact Peggy Fitzgerald (tel 617.287.7550; email margaret.fitzgerald@umb.edu) or visit ccde.umb.edu/certificates/teachingspanish.

Teaching of Writing

This 15-credit graduate certificate program is designed for K-12 teachers and administrators in all subject areas who want to learn strategies to strengthen students' writing and thinking skills, develop expertise in teaching writing and literacy across the curriculum, gain a deeper understanding of literacy learning, and improve their own writing. Participants will examine current readings in composition, literacy and writing pedagogy, share successful teaching practices, develop and implement curriculum, and document the effects of their teaching by collecting and analyzing student work.

For more information, please contact Peter Goldman, Site Co-Director for the Boston Writing Project (tel 617.287.7665, fax 617.287.7664) or visit ccde.umb.edu/certificates/teachingwriting.

Women in Politics and Public Policy

The Program for Women in Politics and Public Policy is a one–year graduate certificate program designed to encourage and train women from all walks of life for significant political participation in careers in public management, research, policy–making, consulting, planning, and administration. The program offers a unique combination of graduate–level academic work in policy studies, analytical and research skills, and carefully supervised professional field work in addition to advising, counseling, and professional development services. The program begins in September and runs through May.

The program is part of the department of Public Policy and Public Affairs at the John W. McCormack Graduate School of Policy Studies. Eligible graduates of the program may be accepted for admission with advanced standing into the University's MS Program in Public Affairs.

Students are required to complete eighteen credits for the certificate: nine credits in course work, six credits for the internship, and three credits through the final case–study project.

The program welcomes applicants of diverse backgrounds with a wide variety of undergraduate majors. To be eligible for admission, the applicant must: 1) hold a bachelor's degree or its equivalent; 2) submit an official transcript; 3) arrange for a personal interview with program staff; 4) submit a completed application with fee; 5) submit two written recommendations.

For more information, contact Donna Stewartson (tel 617.287.6785, email donna.stewartson@umb.edu) or visit ccde.umb.edu/certificates.

Alcoholism/Chemical Dependency Treatment Services

AVAILABLE ONLINE

The Alcoholism/Chemical Dependency Treatment Services Program (A/CDTSP) offers the highest quality education to persons seeking to begin or advance their careers in the treatment of alcohol and chemical dependence. A/CDTSP instructors are committed to helping students grow personally and professionally. Graduates of our program have contributed greatly to the field and to the program's continuing success. Now, with the recent approval of licensure for addictions professionals, the A/CDTSP program is of even greater value to those seeking licensure and those seeking continuing education hours to maintain licensure.

The program consists of six core courses plus a pre-practicum workshop and a practicum. Depending on prior educational experience, students may need to complete two additional courses in order to meet licensure requirements.

A/CDTSP is offered in both online and classroom formats, with classes meeting either at the main UMass Boston campus or at sites in Plymouth and Framingham. Students can begin the program in either the fall or spring semester. Program coordinators at each site will assist students with their practicum and career planning. Online students can design their path of study based on their individual needs; online courses are offered each semester, and students are welcome to join these online courses in any semester.

For More Information
Visit ccde.umb.edu/certificates/acdsp. To arrange an interview, please contact Reca Quarles (tel 617.287.7900, email reca.quarles@umb.edu).

Chinese Language for Beginner and Intermediate Students

Chinese for Beginners is for students with little or no background in Mandarin. Basic oral and written communication skills as well as some introduction of Chinese culture will be presented. Students will learn Chinese pronunciation, tones, grammar and how to write Chinese characters or 'hanzi'.

Intermediate Chinese is designed to help students acquire the communication skills needed in daily Chinese life. Students will continue to enlarge their vocabulary; develop their listening and speaking skills, receive more intensive practice writing 'hanzi', and continue improving their conversation skills through casual dialog.

UMASS BOSTON CAMPUS
Rooms & Times TBA
Dates: Mar 15-May 17
Fee: TBA
Class No TBA
For more information, please contact Baifeng Sun (617.287.7291, email baifeng.sun@umb.edu).

Human Resource Management Certificate

This certificate is a two-semester program. Next offered in Fall 2008.

The certificate in Human Resource Management is a two-semester program designed for those seeking an overview of the human resource function and its strategic role in today's organizations. The program is recommended for general managers and supervisors, new human resource professionals, and others interested in developing practical skills in human resource management.

The program consists of the following modules, focusing on skills and competencies set forth by regional and national associations as core requirements for individuals working as human resource professionals:

- Management Practices
- General Employment Practices and the Legal and Regulatory Environment
- Compensation with Benefits
- Human Resources Development, Performance, Management, and Employee Relations
- Labor Relations
- Health and Safety
- Strategic Human Resource Management

UMASS BOSTON CAMPUS
W 6:30-9:30pm, Room M3-130
Semester I: Sept 19-Dec 12, 2008 (completed)
Semester II: Feb 13-May 7, 2008
Fee: $2,250 (full program)
Class No 1011 (Spring 08 class)

For more information
Visit ccde.umb.edu/corporate or contact Cindy Jimenez (tel 617.287.7876, email cindy.jimenez@umb.edu).

Improved Communications for Leaders and Professionals

BLENDED COURSE

This is an interactive course on the communication skills managers and leaders need to be effective in the workplace. This course is "blended," consisting of both online and on-campus sessions, and offers a combination of videotaping, lecture and skill building activities to track progress throughout the semester. Participants are videotaped three times: at the start, during the middle and towards the end of the semester.

UMASS BOSTON CAMPUS
Feb 11 & 19; Mar 18 & 24; May 5 & 12
6:30-9:30pm

ONLINE
Feb 4-May 12

Fee: $860
Class No 1019

Information Design and Development Certificate

AVAILABLE ONLINE

This program offers the fundamentals required for technical communication in the high-tech industry, as well as more advanced topics for developing and delivering effective technical information.

DESIGNING AND DEVELOPING CONTENT I

This course describes how to identify and create different types of technical documentation based on principles of audience analysis. Topics also include information design, writing drafts and handling reviews, and basics of usability analysis. You will also learn how to integrate graphics and apply templates to create effective documentation. An overview of common grammar, usage, and writing problems will also be provided.

ONLINE
Feb 4-May 12
Fee: $860
Class No 1013

USER ASSISTANCE

This course covers the many formats and structures of technical information that assist users in understanding and taking advantage of a software or hardware product's functionality. Over the years, many methods have been used to create and deliver technical information to users. This course covers topics such as user interface design, the evolution of authoring tools, and content development to address authoring and delivery needs.

ONLINE
Feb 4-May 12
Fee: $860
Class No 1014

For more information
Visit ccde.umb.edu/corporate or contact Cindy Jimenez (tel 617.287.7876, email cindy.jimenez@umb.edu).

Project Management Courses

PRACTICAL PROJECT MANAGEMENT

AVAILABLE ONLINE

Practical Project Management provides professionals with the essential skills they need to succeed in an increasingly competitive job market. Based on *The Project Management Body of Knowledge®*, this highly interactive course combines expert instruction with case studies and team exercises. In addition to technical competencies, the course covers the human and political aspects of project management by using examples from students' own projects. Participants will learn how to initiate, plan, execute, control and close a project and will be shown how to apply the ten PMBOK® knowledge areas to each phase of a project. Upon completion of the course, participants will be ready to assume the role of Project Manager and will receive the 35 contact hours required to apply for PMP certification.

UMASS BOSTON CAMPUS
M 6:30-9:30pm
Feb 11-May 5
Fee: $875
Class No 1022

ONLINE
Feb 4-May 12
Fee: $1,060
Class No 1021

NEGOTIATION SKILLS FOR PROJECT MANAGERS

AVAILABLE ONLINE

This course teaches project managers how to negotiate for resources that are essential to the success of projects: time, money, material, and people. Frequently, project managers are held responsible for the success of a project without having complete control of these resources. Therefore, project managers have to be skilled negotiators and conflict managers to be effective in their roles.

ONLINE
Feb 4-May 12
Fee: $895
Class No 1020

For more information
Visit ccde.umb.edu/corporate or contact Cindy Jimenez (tel 617.287.7876, email cindy.jimenez@umb.edu).

Urban Landscape and Garden Development Certificate

AVAILABLE ONLINE

This program recognizes the growing interest in the greening of the urban environment and the importance of creating and sustaining green spaces in cities. The focus will be on the urban setting and its public and private green spaces.

INTRODUCTION TO THE URBAN LANDSCAPE USING BOSTON AS A CASE STUDY

This program recognizes the growing interest in the greening of the urban environment and the importance of creating and sustaining green spaces in cities. The focus will be on the urban setting and its public and private green spaces.

- The Unique Geography of Boston
- A View of Boston Landscape History
- Community Gardens in Boston
- The Influence of Different Ethnicities in Urban Open Spaces
- Greening Boston's Futur

ONLINE
Feb 4-May 12
Course Fee: $500
Class No 1015

PLANT MATERIALS FOR THE URBAN LANDSCAPE

This course covers the broad palette of plant materials that can be used in an urban setting. You will learn about annuals, perennials, trees, shrubs, and vines. Plants used in specialized gardens such as rock gardens, water gardens, containers, and xeriscapes are studied as well. The course includes topics such as plant identification, using plants in the landscape, native versus exotic and invasive species, and plant hardiness to a range of environmental conditions.

ONLINE
Feb 4-May12
Course Fee: $500
Class No 1017

URBAN LANDSCAPE DESIGN

This course explores the growing impact of landscape architecture on the urban environment. The merger of urban design, landscape architecture and architecture, sometimes referred to as "landscape urbanism", moves beyond the strategic placement of planting material to implications for biodiversity, microclimatology, and ecology. It addresses citywide cultural and ecological concerns. It works across disciplines and emphasizes an understanding of the relationships between natural systems and the cities - between aquatic systems and watersheds, between plants and health. The result is the increasing significance of landscape as a framework for urban form that begins locally and continues at a broader scale. The principles behind and examples of existing urban installations that exemplify this merger of disciplines will be discussed.

ONLINE
Feb 4-May 12
Course Fee: $500
Class No 1018

For more information
Visit ccde.umb.edu/corporate/urbanlandscape, or contact Cindy Jimenez (tel 617.287.7876, email cindy.jimenez@umb.edu).

Graduate Test Preparation Courses

Developed in conjunction with the Office of Career Services, these review courses offer preparation for the Graduate Record Examination (GRE), Graduate Management Admission Test (GMAT), and Law School Admission Test (LSAT), providing intensive classroom sessions that cover all sections of each exam. Each course involves extensive exam practice, including a full-length practice test given under exam conditions. All courses meet at our main campus in Boston, unless otherwise noted. Enrollment is limited. To register for this course, please select from registration options listed on page 3. Visit ccde.umb.edu/testprep for complete test prep information online.

REVIEW FOR THE GRADUATE RECORD EXAMINATION (GRE)

We still offer regularly scheduled prep courses; however, the GRE exam is available only online at designated centers. For more information, please call 800-GRE-CALL.

TuTh 6:00-9:00pm
Jan 8-Feb 14
Course Fee: $450
Class No TBA

TuTh 6:00-9:00pm
Mar 4-Apr 10
Course Fee: $450
Class No TBA

TuTh 6:00-9:00pm
Apr 29-Jun 5
Course Fee: $450
Class No TBA

REVIEW FOR THE GRADUATE MANAGEMENT ADMISSION TEST (GMAT)

This course is designed to prepare students to succeed on the Graduate Management Admissions Test (GMAT), the primary admissions criterion for students applying to graduate business programs (including MBA, MSA, MSF, MSIT, MSM, and PhD programs). Through a mixture of lectures, intensive practice, and close review of real GMAT questions, students will dramatically enhance not only their knowledge of the subject areas tested, but also their understanding of effective test-taking strategies and of how to apply successfully to graduate business schools.

The GMAT is now a fully computerized exam offered daily at various locations around greater Boston and the world. Please consult www.mba.com for details or to register for the test.

Please note, due to student input, the GMAT schedule has been changed to a Monday-only format

M 6:00-10:00pm
Jan 7-Apr 7
Course Fee: $450
Class No TBA

M 6:00-10:00pm
Apr 21-Jul 14
Course Fee: $450
Class No TBA

REVIEW FOR THE LAW SCHOOL ADMISSION TEST (LSAT)

This course is designed to prepare students to succeed on the Law School Admissions Test (LSAT), the primary admissions criterion for students applying to all accredited law schools. Through a mixture of lectures, intensive practice, and close examination of LSAT questions, students will dramatically enhance not only their knowledge of the subject areas tested, but also their understanding of effective test-taking strategies for this rigorous, heavily weighted test. Please consult www.LSAC.org for details or to register for the test.

Test Date: Feb 2
TuTh 6:00-9:00pm
Dec 18-Jan 31
Course Fee: $450
Class No TBA

Test Date: Jun 16
TuTh 6:00-9:00pm
May 6-Jun 12
Course Fee: $450
Class No TBA

COPLEY
Test Date: Jun 16
MW 6:00-9:00pm
Mar 4-Apr 10
Course Fee: $450
Class No TBA

Math Refresher Course

This course is designed for people who are perhaps math-phobic or who have been away from math for a long time and are interested in refreshing their math skills—for college placement tests, both undergraduate and graduate, for GRE and GMAT prep courses and exams, and other professional or educational endeavors. The course offers an intense, fast paced review of the fundamentals of arithmetic, algebra, and geometry. Included in the course are basic math operations, word problems, graphs, linear and quadratic equations, formula solving and manipulation and the basic concepts of geometry and their applications. Students will be introduced to the language of math and many shortcuts will be presented. When possible, courses are scheduled in advance of our six-week GMAT and GRE prep course offerings for those students who are taking the exams. However, it must be emphasized that this course is not designed solely for those going on to graduate school and it is not a strategy class.

To register for this course, please select from registration options listed on page 3.

MW 6:00-9:00pm
Feb 11-Mar 5
Course Fee: $250
Class No TBA

MW 6:00-9:00pm
Apr 4-Apr 30
Course Fee: $250
Class No TBA

REFUND POLICY

Refunds will be granted to registered students who withdraw from Grad Prep classes on the following basis:

Withdraw on or before second class meeting date:
100% refund

Withdraw on or before third class meeting date:
50% refund

No refunds will be granted after third class meeting date.

The programs in English Language Study offered by the Division of Corporate, Continuing and Distance Education provide English instruction to speakers of other languages. Programs are designed for individuals seeking to communicate more effectively and improve their performance in professional, academic, and social environments. The Division offers day and evening classes for non-native speakers at all levels of language proficiency.

The content and methods used in all courses are chosen to maximize students' language development. Therefore, strong emphasis is placed on language learning skills and strategies, and students' personal and professional interests, needs, and backgrounds are carefully considered. Instruction in each class includes a grammar review at the appropriate level, integrated with practice in listening comprehension, oral expression, reading, writing, vocabulary building, and pronunciation.

ASSESSMENT AND COURSE PLACEMENT

To ensure that students are placed in appropriate courses and levels, they must attend an assessment session. The session consists of several types of tests: grammar, listening and reading comprehension, and a writing sample. There is also an interview with a program instructor.

For evening programs, the assessment session is completed at the first scheduled class meeting. For full-time programs, the assessment process is more comprehensive. Tests are completed over the first few days of the semester, and take place in conjunction with a variety of classroom and orientation activities. The test period for full-time students begins on the first scheduled day of the program, 9:00 am in McCormack Hall, 3rd floor, room 130. Formal classes begin only after the orientation period.

FURTHER INFORMATION

For more information about any of our English Language Study programs, contact Cindy Jimenez (tel 617.287.7876, email cindy.jimenez@umb.edu), or visit ccde.umb.edu/esl.

Intensive English Programs

Classes in our Intensive English Programs take place Monday through Friday between 9:00am and 4:00pm, for a total of 24 hours per week. Some sections will meet on two afternoons per week, others on three or four afternoons per week.

ESL: THE INTENSIVE COURSE

The Intensive course is designed to help people learn English in the shortest possible time. The program's focus is to provide extensive practice in speaking and understanding English. Students study grammar, writing, reading comprehension, and vocabulary building.

The University of Massachusetts Boston will supply an I-20 form enabling students to apply for an F-1 visa for Intensive English programs.

UMASS BOSTON CAMPUS
Jan 7 - Jan 25
Class No. 1004
Fee: $925

UNIVERSITY PREPARATION

This program provides international students with intensive English language instruction and preparation for successful study at American colleges and universities. Participants experience an integrated program focusing on English language instruction, university study skills, academic course work, the college admission process, TOEFL preparation, and the American cultural experience.

The University of Massachusetts Boston will supply an I-20 form enabling students to apply for an F-1 visa for Intensive English programs.

UMASS BOSTON CAMPUS
Feb 6 - May 16
Class No. 1005
Fee: $3,700

ESL: BUSINESS ENGLISH OPTION

The Business English Option is designed for individuals who wish to focus their learning on the types of English used in the business world. In addition to classes in general English (grammar, writing, reading comprehension, and vocabulary), participants will experience classes in which video, audio materials and computers are used to present topics such as management, marketing, finance, management information systems and other topics of interest to business people. Students participate in 24 class hours per week and must complete homework and other assignments.

The University of Massachusetts Boston will supply an I-20 form enabling students to apply for an F-1 visa for Intensive English programs.

UMASS BOSTON CAMPUS
Feb 6 - May 16
Class No. 1006
Fee: $3,700

Visiting Scholars Programs

Visiting Scholars programs are currently available for Chinese and Latin American students. These programs offer participants with affiliations to selected universities that are signatories to inter-institutional agreements the opportunity to pursue a personalized plan of independent study and research combined with limited English language support.

For more information, contact Cindy Jimenez (tel 617.287.7876, email cindy.jimenez@umb.edu).

Evening ESL Classes

If you are a non-native English speaker with a strong desire to improve your overall communicative ability, then the English as a Second Language Program is designed for you. The program in English Language Study at UMass offers English as a Second Language classes at three levels: ESL I (high beginner to low intermediate); ESL II (low to high intermediate); and ESL III (high intermediate to advanced).

Classes meet two evenings per week; specific days and times will be announced after the testing period. Testing is on Monday, Feb 11 and Tuesday, Feb 12 at 6:45 pm in McCormack Hall, 3rd floor, room 130. Students need attend only one testing session. Class placements are made only after testing.

UMASS BOSTON CAMPUS
Feb 11 - May 20
Class No 1007
Fee: $495

Professional Communication for Non-Native Speakers

This course is designed for high-intermediate to advanced non-native speakers of English who seek a growing mastery of both English proficiency and communication skills necessary for success in the professional workplace environment. Class work will focus on oral presentation and short written reports.

Classes meet two evenings per week; specific days and times will be announced after the testing period. Testing is on Monday, Feb 11 and Tuesday, Feb 12 at 6:45 pm in McCormack Hall, 3rd floor, room 130. Students need attend only one testing session. Class placements are made only after testing.

UMASS BOSTON CAMPUS
Feb 11 - May 20
Class No 1008
Fee: $495

TOEFL Test Preparation

The Test of English as a Foreign Language, or TOEFL, is nearly universally required by American universities (both graduate and undergraduate schools), as well as by secondary schools and many corporations and businesses, when these institutions make admission and hiring decisions, respectively. TOEFL Test Preparation is designed to accommodate students at intermediate and advanced levels of English proficiency who wish to enhance their ability to achieve the highest possible score. TOEFL study focuses on intensive, comprehensive practice of skills specifically demanded by the TOEFL test. As a standardized test, it is important to understand that there are particular techniques and strategies that students can learn and practice to maximize their chances of scoring well. Students will also take authentic computerized-based practice tests in computer labs utilizing software that closely matches the actual test.

Classes meet two evenings per week; specific days and times will be announced after the testing period. Testing is on Monday, Feb 11 and Tuesday, Feb 12 at 6:45 pm in McCormack Hall, 3rd floor, room 130. Students need attend only one testing session. Class placements are made only after testing.

UMASS BOSTON CAMPUS
Feb 11 - May 20
Class No 1009
Fee: $495

Boston Area Advanced Technological Education Connections (BATEC)

Boston Area Advanced Technological Education Connections (BATEC) is a National Science Foundation-funded Center of Excellence that is working to develop and promote a coordinated, self-sustaining, regional education and workforce development system for IT—one that will attract a diverse student population to IT and IT-enabled careers, promote lifelong learning of technical skills, and support the technology workforce needs of the region.

BATEC is a partnership of UMass Boston, six community colleges (Bunker Hill, Roxbury, Middlesex, Bristol, Northern Essex and Quinsigamond) and thirty high school districts, although our events are open to educators from across all regions. Our partners are transforming education to develop the new IT professional for the 21st century by: (1) developing curriculum that is regionally connected, advanced in content and pedagogy and industry-linked; (2) providing professional development experiences for educators so they can deliver relevant, standards-based programs of instruction that model the reality of the workplace; (3) attracting and advancing a diverse population of technology students who can effectively meet the challenges of emerging technologies and changing economies; and (4) connecting education, industry and community to promote mutually beneficial partnerships that support career development, lifelong learning and regional economic growth.

For more information about BATEC, contact Deborah Boisvert (tel 617.287.7295, email deborah.boisvert@umb.edu), or visit www.batec.org.

China Program Center

The China Program Center at the University of Massachusetts Boston seeks to advance scholarly and business collaborations between China and America through innovative programs including practical training, trade missions, government exchanges, and joint academic ventures.

The Center provides the specific tools needed to build successful American-Chinese joint ventures. It brings extensive business and cultural knowledge about the two countries to its audiences through innovative academic courses, training sessions, internships, workshops, and mentorships.

UMass Boston's China Program Center addresses many critical needs both for Chinese audiences (global leadership skills, university faculty training, and graduate and undergraduate degree programs) and for American audiences (knowledge of how to do business in China, China-based cultural programs, and courses that focus on the best practices in the teaching of Mandarin).

For more information about the China Program Center, contact Allan Guo, Director (tel 617.287.7291, email allan.guo@umb.edu).

Confucius Institute for Chinese Language and Culture

The University of Massachusetts Confucius Institute at UMass Boston was established in collaboration with Renmin University of China and The High School Affiliated to Renmin University of China, with the sponsorship and authorization of Hanban, the Office of Chinese Language Council International, under the Ministry of Education, China.

The mission of the Confucius Institute is to promote understanding of Chinese language and culture in the communities served by the University. Through courses, conferences, travel, and cultural events, the Institute will provide opportunities for cultural exchange and collaboration between the US and China.

Chinese Language Instruction
The characters of Chinese writing have long appeared mysterious to non-Chinese readers. But today, Americans are enthusiastically embracing the study of Chinese language. The Confucius Institute will present credit courses which intertwine language instruction with cultural awareness, serving students at all skill levels from basic Mandarin for business and travel to more advanced study.

Seminars in Chinese Culture
Contemporary Chinese culture reflects a rich and remarkable history that spans 5,000 years. The Confucius Institute will present cultural seminars that illuminate topics such as the Chinese political system, economic development, values and etiquette, philosophy, and Confucianism in management.

Programs for Teachers of Chinese
With many schools adding Chinese to their language curriculum, there is a growing demand for licensed instructors. The Confucius Institute will help meet this demand by offering teacher training programs, American cultural awareness training, and professional workshops for teachers of Chinese.

Conferences and Forums
The Confucius Institute will also create opportunities for cultural exchanges and collaborations between the United States and China, especially in the New England region. Conferences and forums organized by the Institute will offer platforms for communication between educators and business people from both countries.

Travel
The Confucius Institute will organize tours that will bring students, educators and business people from the US to China and from China to the US, providing opportunities to strengthen language skills through immersion and deepen cultural awareness through direct experience.

For more information contact: Baifeng Sun, Associate Director (tel: 617.287.7291; fax: 617.287.7297; email: baifeng.sun@umb.edu). Also visit www.confucius.umb.edu for updated programming information.

Marine Studies Consortium

UMass Boston is a member of the Marine Studies Consortium, an association of Massachusetts higher education and research institutions whose mission is to increase understanding of coastal and marine ecosystems, and to promote policies that protect aquatic resources.

The Consortium's undergraduate academic program offers unique learning opportunities in marine and aquatic sciences, environmental policy, and environmental management. Courses are held during the evenings on the campuses of member institutions. Undergraduate academic credit is also available to students from the general public through arrangements with Consortium member schools. The Consortium also provides planning tools that can help solve small-community wastewater management problems.

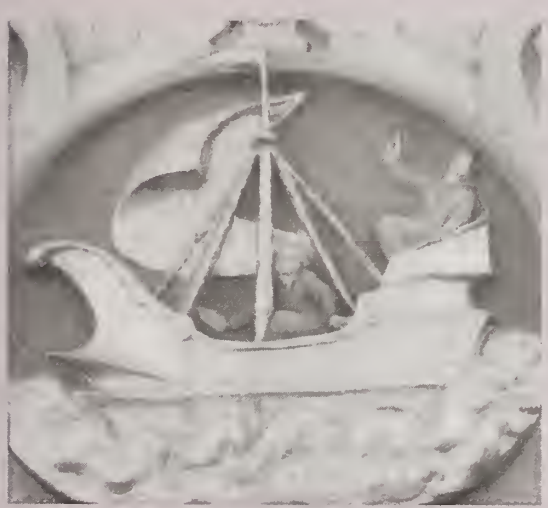
The following courses are being offered through the Consortium during the Spring 2008 semester:

BIOL 330 Biology of Fishes

INTR-D 106 Maritime History

To register for this course, first call the Consortium at 781.444.3643 to get a UMass Boston class number. The number will allow you to register at UMass Boston. Courses may have a waiting list.

To see course syllabi visit www.brandeis.edu/marinestudies/courses.html For more information on the Consortium, visit www.brandeis.edu/marinestudies or call 781.444.3643.



Office for Professional Development for Educators

The Office for Professional Development for Educators (OPDE) at UMass Boston promotes the Graduate College of Education and the College of Nursing and Health Sciences in offering degree, certificate, and individual professional development courses to school districts, school administrators and staff, and to individual teachers. The Office enables the Graduate College of Education to collaborate with school districts in assessing their professional development needs.

The Office can assist districts by providing comprehensive Professional Development plans or by tailoring individual courses in leadership, pedagogy, or in the teaching of academic content areas. A team from the Office will work with your district to assess and provide recommendations for short and long term professional development objectives. We can customize courses and programs to be delivered onsite, online, or at our Boston Harbor campus. Customized courses may offer a flexible blend of online and face-to-face components.

Educational specialty areas in which OPDE offers programs include:

- Curriculum and Instruction
- School Counseling
- Instructional Design and Instructional Technology
- Special Education
- English Language Arts
- History and Social Studies
- Science and Mathematics
- Vocational-Technical Education
- Advanced Placement
- School Nursing

For more information, please contact Paul O'Leary at 617.287.7919 or visit ccde.umb.edu/opde.

Interested in a UMass Boston degree?

At UMass Boston, the opportunities for learning are almost limitless, and so are the opportunities for an exciting and rewarding future. If you're considering a UMass Boston degree, here's how to find out more.

COME TO AN UNDERGRADUATE INFORMATION SESSION.

At one of these hour-long sessions, you can learn about our academic programs and other resources, student life, financial aid, and the admission process. We'll do our best to answer your questions and give you a sense of how UMass Boston can work for you. There are daytime and evening sessions, and sessions particularly for persons thinking of transferring or returning to school as adults. You can also take a guided campus tour. For more information, including the information session and tour schedules, call 617.287.6000.

COME TO A GRADUATE OPEN HOUSE.

At one of our open houses, you can meet graduate program directors and faculty members, and talk with them about courses and research opportunities, areas of faculty expertise, assistantships, facilities, degree requirements, and any other aspect of graduate study at UMass Boston you want to know about. For more information, call 617.287.6000.

GET IN TOUCH BY PHONE OR EMAIL.

We'll send undergraduate or graduate information and application materials, and we'll do our best to answer any questions you may have about attending UMass Boston. The phone number to use is 617.287.6000 (TTY/TDD for the hearing-impaired: 617.287.6010). You can also email us at enrollment.information@umb.edu.

VISIT OUR WEB SITE.

To learn more about our over 90 areas of study on the bachelor's, master's, and doctoral levels, as well as our professional development and certificate programs, visit us at www.umb.edu.

SEND US THIS COUPON.

We'll be glad to respond. Return the coupon to: The Admissions Information Service, University of Massachusetts Boston, 100 Morrissey Boulevard, Boston, MA 02125-3393

Name _____

Number and street _____

City, state, zip _____

Birthdate M/D/Y (for coding only) _____ Telephone _____ Gender (M or F) _____

Program of particular interest (please indicate whether graduate or undergraduate) _____

PLEASE NOTE!

If you're interested in joining us as a degree-seeking undergraduate student in Fall '08, call us right away! Space in some programs may still be available. The number to use is 617.287.6000.

Registration Form • Spring 2008 Non-Credit Programs

Use this form for Corporate & Professional Training, English Language Study, and Graduate Test Preparation (pages 50-55)

Student ID #

Social Security #:

Name
First MI Last

Date of Birth **Sex** ○ Male ○ Female
Month Day Year

Daytime Phone ( ) **Evening Phone** ( )

Email address

Mailing address

Are you a Massachusetts resident? ○ Yes ○ No

Job Title

Employer

Employer Address

Have you taken courses at UMass Boston before? ○ Yes ○ No

Ethnic Survey Information. Please circle appropriate letter.

A. American Indian/Alaskan Native
B. Black Non-Hispanic
C. Asian or Pacific Islander
D. Hispanic
E. Non-resident Immigrant
F. White Non-Hispanic
G. Other_____

This is your only record of your registration transaction! Please retain a copy for your records.

Course Selections

Class No. (4-6 digits)	Title	Starting Date	Program Fee

Method of Registration

○ Mail ○ FAX
○ Walk in

Method of Payment

☐ **I am paying by check.** Make checks payable to UMass Boston. If you are registering by mail, send this form along with your check to: UMass Boston, Registrar's Office, CC 4, Box NC, 100 Morrissey Boulevard, Boston, MA 02125-3393.

☐ **I am paying by credit card.** UMass Boston no longer accepts direct card payments, but you can pay your fees by credit card through SallieMae® (MasterCard, Discover, or American Express only). A 2.5% service fee will be charged by SallieMae for processing your payment. Instructions and links can be found at wiser.umb.edu.

☐ **I am paying in cash.** Once you have registered, you can make a cash payment at the Bursar's Office (Campus Center, 4th floor) M-Th 8:00am-4:30pm, F 8:00am-4:00pm.

☐ **I am using financial aid.**

☐ **Bill my account.** Bills will be sent to the mailing address entered above. For account status and payment information, visit wiser.umb.edu.

☐ **Third Party or Outside Agency:**

_____
(Attach documentation)

☐ **Other** _____

Total

Payment by Outside Agency

If charges are to be paid by an outside agency, a payment authorization from that agency must accompany this registration form. Students are reminded that they are liable for course and service fees in the event that the sponsoring agency does not pay them.

Staff Initials

Postmark Date

Spring 2008 Credit Course Registration

Name First MI Last

Date of Birth Month Day Year **Sex** ◯ Male ◯ Female

Daytime Phone ( ) **Evening Phone** ( )

Email address

Mailing address

Student ID #

Social Security #:

Job Title

Employer

Employer Address

Are you a Massachusetts resident?
Yes ◯ No ◯

Have you taken courses at UMass Boston before?
Yes ◯ No ◯

Ethnic Survey Information. Please circle appropriate letter.
A. American Indian/Alaskan Native
B. Black Non-Hispanic
C. Asian or Pacific Islander
D. Hispanic
E. Non-resident Immigrant
F. White Non-Hispanic
G. Other_____

Course Selections

Class No	Department / Catalog No	Title	Location	Faculty Initials (if necessary)	Credits	Course Fee		Lab Fee (if any)		Total Course and Lab Fee
							+		=	
							+		=	
							+		=	
							+		=	
							+		=	
							+		=	

Method of Registration

◯ Mail ◯ FAX
◯ Walk-in

Note: improperly completed forms and/or checks cannot be accepted, and therefore will be returned unprocessed.

Steff Initials

Postmark Date

Method of Payment

☐ **I am paying by check.** Make checks payable to UMass Boston. If you are registering by mail, send this form along with your check to: UMass Boston, Registrar's Office, CC 4, Box C, 100 Morrissey Boulevard, Boston, MA 02125-3393.

☐ **I am paying by credit card.** UMass Boston no longer accepts direct card payments, but you can pay your fees by credit card through SallieMae® (MasterCard, Discover, or American Express only). A 2.5% service fee will be charged by SallieMae for processing your payment. Instructions end links can be found at wiser.umb.edu.

☐ **I am paying in cash.** Once you have registered, you can make a cash payment at the Bursar's Office (Campus Center, 4th floor) M-Th 8:00am-4:30pm, F 8:00am-4:00pm.

☐ **I am using financial aid.**

☐ **Bill my account.** Bills will be sent to the mailing address entered above. For account status and payment information, visit wiser.umb.edu.

☐ **Third Party or Outside Agency** _____
(Attach documentation)

☐ **Other** _____

Please calculate fees below.

Course and Lab Fees (total)

Service Fees **$100**

($50 if taking only online courses)

Subtotal

Records Fee*

Late Registration Fee**

Total

*$6; required of non-matriculated students
**$25 if applicable; see "When to Register," page 3.

Winter 2008 & Summer 2008

INTERNATIONAL PROGRAMS:

Study the World Up Close

Why not spend a few weeks exploring a far-off place—and earn up to six credits towards your degree?

Each winter and summer session, UMass Boston offers students the chance to participate in programs that span the globe. These adventurous programs, ranging in length from two to five weeks, weave together an array of unique sensations, cultures, people, politics, histories, languages, arts, and archaeological treasures. Surround yourself with the sights and sounds of other lands while a highly experienced UMass Boston professor guides you along the way.

The Americas

- Field School in Prehistoric Archaeology in Belize
- Caribbean Studies Summer Institute: History, Culture and Society: Puerto Rico and the Virgin Islands
- Jamaica Today
- Mexico Today: Politics and Society
- Spanish Language and Culture - Cuernavaca, Mexico

Asia

- China Today
- Entrepreneurship in China and the US - For MBA Candidates

Europe

- Ireland Today
- The New Europe and the European Union - Amsterdam & Brussels
- Le Paris des Parisiens - A Workshop in Paris for Educators

Find Out More

For more information about our international programs, visit **ccde.umb.edu/international** or contact:

Susan Griffin
617.287.7278
susan.griffin@umb.edu

UMASS BOSTON

ccde.umb.edu

University of Massachusetts
UMASS Boston

Division of Corporate, Continuing
and Distance Education
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